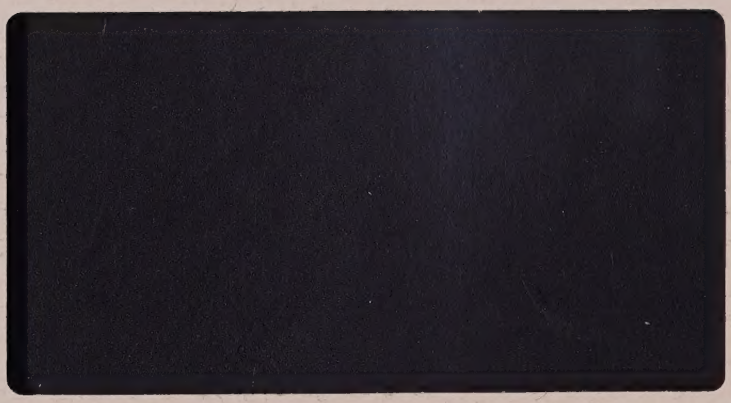
POLARAD

HANDBOOK OF OPERATING AND MAINTENANCE INSTRUCTIONS

MICROWAVE FIELD INTENSITY METER MODEL FIM-2

PARTS LIST

POLARAD ELECTRONIC INSTRUMENTS,
DIVISION OF POLARAD ELECTRONICS CORPORATION
34-02 QUEENS BLVD., LONG ISLAND CITY 1, N. Y.



POLARAD

INSTRUCTION MANUAL

MICROWAVE FIELD INTENSITY METER MODEL FIM-2

PARTS LIST

SERIAL NOS. 250 AND UP

POLARAD ELECTRONIC INSTRUMENTS

A DIVISION OF POLARAD ELECTRONICS CORPORATION

34-02 QUEENS BOULEVARD · LONG ISLAND CITY 1, N.Y. · AREA CODE 212 · EXETER 2-4500

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WARRANTY

Polarad Electronic Instruments, a division of Polarad Electronics Corporation, warrants each instrument of its manufacture to be free from defects in material and workmanship. Our obligation under this warranty is limited to servicing or adjusting any instrument returned to our factory for that purpose and to making good at our factory any part or parts thereof (except tubes, transistors, batteries, diodes, and crystals) which shall, within one year after making delivery to the original purchaser, be returned to us with transportation charges prepaid, and which in our examination shall disclose to our satisfaction to have been thus defective. Warranty returns must first be authorized by Polarad.

Polarad Electronic Instruments reserves the right to make changes in the design of its instruments without incurring any obligation to make the same changes on equipments previously purchased.

This warranty is expressly in lieu of all other obligations or liabilities on the part of Polarad Electronics Corporation and Polarad neither assumes nor authorizes any person to assume for them any other liability in connection with the sale of Polarad's instruments.

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PARTS LIST

1. INTRODUCTION.

2. This parts list provides an alpha-numerical listing, in reference symbol sequence of the replaceable electrical, certain electro-mechanical, and mechanical parts of the equipment.

3. ORDERING INFORMATION. Orders for parts should contain the following information:

a. Equipment name and model.
b. Serial number.
c. Reference symbol of part.
d. Manufacturer's part number and code.

4. HOW TO USE THE PARTS LIST.

5. An explanation of the structure of the parts list, Table 2, and the meaning of the entries in the five columns are given in the following paragraphs. (See Figure 1.)

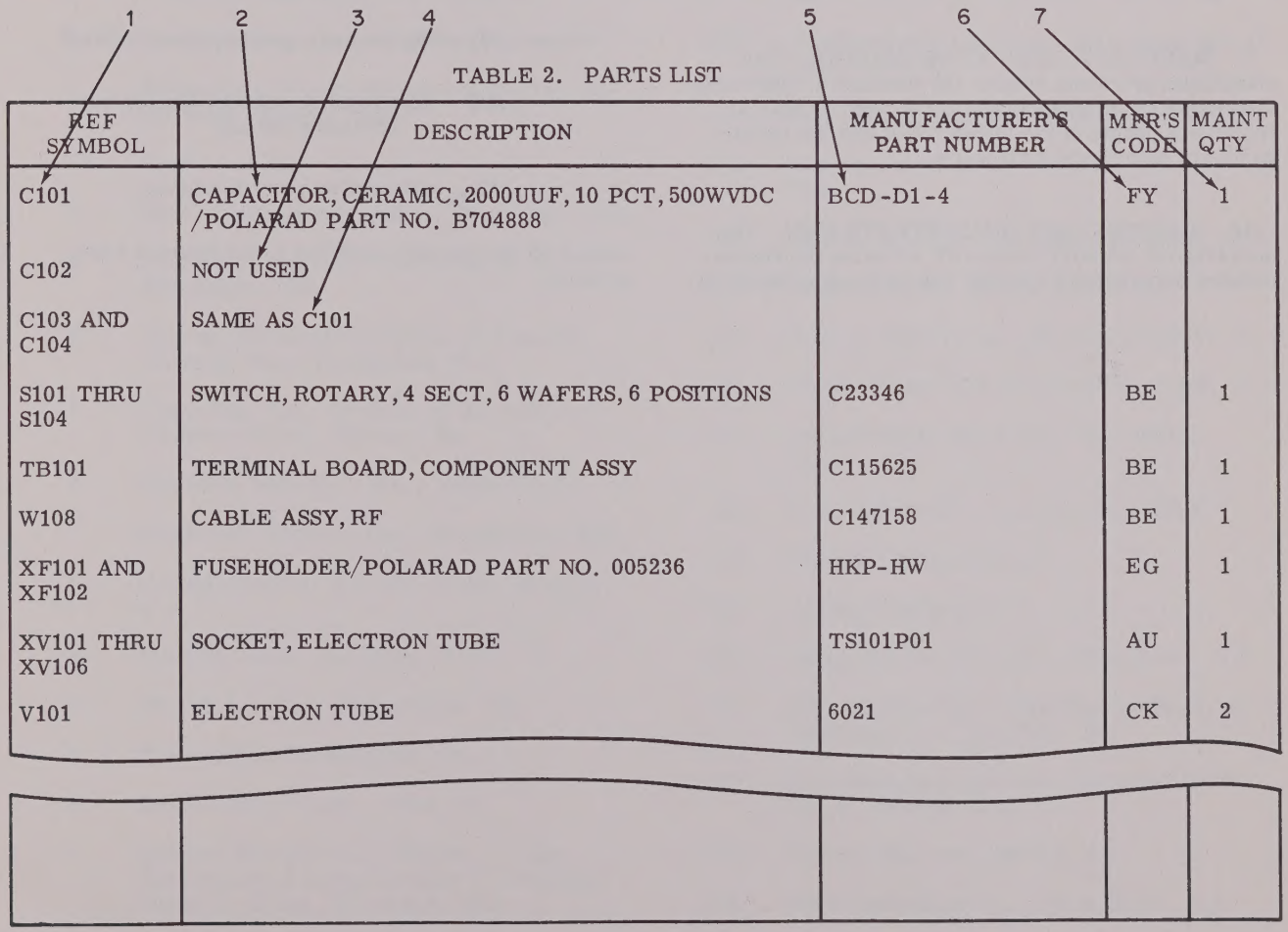


TABLE 2. PARTS LIST

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C101	CAPACITOR, CERAMIC, 2000UUF, 10 PCT, 500WVDC /POLARAD PART NO. B704888	BCD-D1-4	FY	1
C102	NOT USED			
C103 AND C104	SAME AS C101			
S101 THRU S104	SWITCH, ROTARY, 4 SECT, 6 WAFERS, 6 POSITIONS	C23346	BE	1
TB101	TERMINAL BOARD, COMPONENT ASSY	C115625	BE	1
W108	CABLE ASSY, RF	C147158	BE	1
XF101 AND XF102	FUSEHOLDER/POLARAD PART NO. 005236	HKP-HW	EG	1
XV101 THRU XV106	SOCKET, ELECTRON TUBE	TS101P01	AU	1
V101	ELECTRON TUBE	6021	CK	2

Figure 1. Parts List Example

6. REFERENCE SYMBOL COLUMN. The reference symbol column (1, Figure 1) contains the reference symbol assigned to each part, which also identifies the part on the schematic diagram or in an illustration. The listing is in alpha-numerical order.

7. DESCRIPTION COLUMN. The description column (2) contains the description for each part. When the same part is used more than once in the equipment, the second and subsequent listings for that part use the phrase "SAME AS ___" (4) in the description column and the remaining columns (5, 6, and 7) are left blank. When a reference symbol designation has not been used or its assignment has been cancelled, the description column contains the phrase "NOT USED" (3).

8. MANUFACTURER'S PART NUMBER COLUMN. The manufacturer's part number column (5) contains the part number assigned by the manufacturer of the part, except for "SAME AS ___" and "NOT USED" listings.

9. MANUFACTURER'S CODE COLUMN. The manufacturer's code column (6) contains a letter code identifying the manufacturer of the part. Table 1 contains a listing of the letter codes and the manufacturers names and addresses.

10. MAINTENANCE QUANTITY COLUMN. The maintenance quantity column (7) contains the recommended maintenance quantity for each part, based on a one year requirement for an equipment in operation or 10 hours a day throughout the year. The recommended maintenance quantities will provide a high degree of equipment reliability in areas where an adequate supply of replacement parts is not available. The recommended maintenance quantity is listed for the initial occurrence of the part in the parts list, but covers all subsequent listings.

11. To determine recommended maintenance quantity for periods other than one year, multiply the one-year quantity by the desired period, expressed in years.

12. To determine recommended maintenance quantity for operating periods other than 10 hours per day, use the equation given below.

$$MQ' = MQ \times \frac{HR_{op}}{10}$$

where: MQ = Maintenance quantity from Table 2

MQ' = Maintenance quantity for desired operating period

HR_{op} = Operating period in hours

Round off the quantity obtained to the nearest whole number.

Table 1. MANUFACTURER'S CODE

CODE	NAME AND ADDRESS
A	Aeronautical Standards Group, Dept. of Navy & Air Force, Washington, D. C.
B	Aerovox Corp., New Bedford, Mass.
C	Alden Products Co., Brockton, Mass.
D	Allen-Bradley Co., Milwaukee, Wis.
E	Amperite Co., New York, N. Y.
F	Amphenol Connector Division of Amphenol-Borg Electronics Corp., Chicago, Ill.
G	Belden Mfg. Co., Chicago, Ill.
H	Bendix Semiconductor Division of Bendix Corp., Holmdel, N. J.
J	Birnbach Radio Co., New York, N. Y.
K	Birtcher Corp., Los Angeles, Calif.
L	Boston Gear Works Division of Murray Co. of Texas, Boston, Mass.
M	Shallcross Mfg. Co., Selma, N. C.
N	Bourns Laboratories, Inc., Riverside, Calif.
P	Centralab Division of Globe-Union, Inc., Milwaukee, Wis.
Q	Chatam Electronics Division of Tung-Sol Electric, Inc., Livingston, N. J.
R	Cinch Mfg. Co., Division of United-Carr Fastener Corp., Chicago, Ill.
S	Clarostat Mfg. Co., Inc., Dover, N. H.
T	Condenser Products Co., Brooksville, Fla.
U	Cornell-Dubilier Electric Corp., Newark, N. J.
V	Dialight Corp., Brooklyn, N. Y.
W	Eby, S. E., Co., Philadelphia, Pa.
X	Elco Corp., Philadelphia, Pa.
Y	Erie Resistor Corp., Erie, Pa.
Z	General Electric Co., Miniature Lamp Department of Lamp Division of Consumer Products Group, Cleveland, Ohio
AA	General Electric Co., Semi-Conductor Products Department of Electronic Components Division of Electronic, Atomic and Defense Systems Group, Syracuse, N. Y.
AB	General Transistor Western Corp., Los Angeles, Calif.
AC	Good-All Electric Mfg. Co., Ogallala, Nebr.
AD	Hammarlund Co., Inc., New York, N. Y.
AE	Harvey Hubbell, Inc., Bridgeport, Conn.
AF	Helipot Division of Beckman Instruments, Inc., Fullerton, Calif.
AG	Hopkins Engineering Co., San Fernando, Calif.
AH	Hughes Products Division of Hughes Aircraft Co., Newport Beach, Calif.
AJ	International Resistance Co., Philadelphia, Pa.
AK	Jan Hardware Mfg. Co., Inc., Long Island City, N. Y.
AL	JBT Instruments Inc., New Haven, Conn.
AM	Kenyon Transformer Co., Inc., Jersey City, N. J.
AN	Kurman Electric Co., Inc., Brooklyn, N. Y.
AP	Littelfuse, Inc., Des Plaines, Ill.
AQ	Mallory Battery Co., North Tarrytown, N. Y.
AR	Metex Electronics Corporation, Clark, N. J.
AS	James Millen Mfg. Co., Inc., Malden, Mass.
AT	J. W. Miller Co., Los Angeles, Calif.
AU	Military Specifications
AV	Military Standards
AW	Minor Rubber Co., Inc., Bloomfield, N. J.
AX	Micro Switch Div., Minneapolis-Honeywell Regulator Co., Freeport, Ill.
AY	New Departure Division of General Motors Corp., Bristol, Conn.
AZ	Ohmite Mfg. Co., Skokie, Ill.
BA	Patton MacGuyer Co., Providence, R. I.
BB	Parker Kalon Division of General American Transportation Corp., Clifton, N. J.
BC	Pic Design Corp., East Rockaway, N. Y.

Table 1. MANUFACTURER'S CODE (CONT'D)

CODE	NAME AND ADDRESS
BD	Plastic Capacitors, Inc., Chicago, Ill.
BE	Polarad Electronics Corp., Long Island City, N.Y.
BF	Potter and Brumfield Division of American Machine and Foundry Co., Princeton, Ind.
BG	Pyramid Electric Co., Darlington, S.C.
BH	Raytheon Co., Industrial Components Division, Industrial Tube Operation, Newton, Mass.
BJ	RCA Semiconductor and Materials Division of Radio Corp. of America, Somerville, N.J.
BK	Ripley Co., Inc., Middletown, Conn.
BL	Sangamo Electric Co., Springfield, Ill.
BM	Shakeproof Division of Illinois Tool Works, Elgin, Ill.
BN	Sprague Electric Co., North Adams, Mass.
BP	Staver Co., Inc., Bay Shore, Long Island, N.Y.
BQ	Sterling Transformer Corp., Brooklyn, N.Y.
BR	Technitrol Engineering Co., Philadelphia, Pa.
BS	Telewave Laboratories, Inc., Long Island City, N.Y.
BT	Times Facsimile Corp., New York, N.Y.
BU	Transitron Electronic Corp., Wakefield, Mass.
BV	Ucinite Co., Newtonville, Mass.
BW	United Transformer Co., New York, N.Y.
BX	Utah Radio Products Corp., Huntington, Ind.
BY	Vector Mfg. Co., Houston, Tex.
BZ	Victory Engineering Corp., Springfield, N.J.
CA	Waldes Kohinoor, Inc., Long Island City, N.Y.
CB	Weckesser Co., Chicago, Ill.
CC	Winchester Electronics Co., Inc., Norwalk, Conn.
CD	Cutler-Hammer, Inc., Milwaukee, Wis.
CE	Olsen Machine and Tool Co., North Abington, Mass.
CF	Cannon Electric Co., Los Angeles, Calif.
CG	Arco Electronics, Inc., Great Neck, N.Y.
CH	Cambridge Thermionic Corp., Cambridge, Mass.
CJ	Sylvania Electric Products, Inc., Semiconductor Division, Woburn, Mass.
CK	Commercially Available Component
CL	Stackpole Carbon Co., St. Marys, Pa.
CM	Astron Co., East Newark, N.J.
CN	Sarkes Tarzian, Inc., Bloomington, Ind.
CP	Arrow Hart and Hegeman Electric Co., Hartford, Conn.
CQ	Radio Corp. of America, New York, N.Y.
CR	Allied Control Co., Inc., New York, N.Y.
CS	Sylvania Electric Products, Inc., New York, N.Y.
CT	Leach Corp., Leach Relay Co. Division, Los Angeles, Calif.
CU	Triplett Electrical Instrument Co., Bluffton, Ohio
CV	Bliley Electric Co., Inc., Erie, Pa.
CW	Switchcraft, Inc., Chicago, Ill.
CX	Industrial Products Co., Division of Amphenol-Borg Electronics Corp., Danbury, Conn.
CY	Mepco Division of Sessions Clock Co., Morristown, N.J.
CZ	Resistance Products Co., Harrisburg, Pa.
DA	Continental-Wirt Electronics Corp., Philadelphia, Pa.
DB	Ward Leonard Electric Co., Mount Vernon, N.Y.
DC	Superex Electronics Corp., Yonkers, N.Y.
DD	Oak Mfg. Co., Crystal Lake, Ill.
DE	National Radio Co., Inc., Malden, Mass.

Table 1. MANUFACTURER'S CODE (CONT'D)

CODE	NAME AND ADDRESS
DF	Wright Electronics, Inc., Kansas City, Mo.
DG	Torrington Mfg. Co., Torrington, Conn.
DH	Union Electronics, Long Island City, N.Y.
DJ	Applied Research, Inc., Port Washington, N.Y.
DK	Ferroxcube Corp. of America, Saugerties, N.Y.
DL	Technology Instrument Corp., Acton, Mass.
DM	Allen B. DuMont Laboratories, Inc., New York, N.Y.
DN	Amperex Electronic Co., Division of North American Philips Co., Inc., Hicksville, N.Y.
DP	Industrial Condenser Corp., Chicago, Ill.
DQ	International Rectifier Corp., El Segundo, Calif.
DR	CTS Corp., Elkhart, Ind.
DS	General Radio Co., West Concord, Mass.
DT	Microlab, Inc., Livingston, N.J.
DU	Comar Electric Co., Chicago, Ill.
DV	Film Capacitors, Inc., New York, N.Y.
DW	FXR Division of Amphenol-Borg Electronics Corp., Danbury, Conn.
DX	Britton Electronics Corp., Mount Vernon, N.Y.
DY	Chicago Standard Transformer Corp., Chicago, Ill.
DZ	P. R. Mallory and Co., Inc., Indianapolis, Ind.
EA	Automatic Metal Products Co., Brooklyn, N.Y.
EB	Dale Electronics, Inc., Columbus, Nebr.
EC	Gulton Industries, Inc., Metuchen, N.J.
ED	International Electronic Industries, Inc., Nashville, Tenn.
EE	Clairtron Mfg. Co., Orange, N.J.
EF	Technical Apparatus Builders, New York, N.Y.
EG	Bussmann Fuse Division of McGraw-Edison Co., St. Louis, Mo.
EH	The Superior Electric Co., Bristol, Conn.
EJ	Rotron Mfg. Co., Inc., Woodstock, N.Y.
EK	Jeffers Electronics Division of Speer Carbon Co., DuBois, Pa.
EL	JFD Electronics Corp., Brooklyn, N.Y.
EM	Essex Electronics Division of Nytronics Inc., Berkeley Heights, N.J.
EN	Torotel, Inc., Kansas City, Mo.
EP	Texas Instruments Inc., Dallas, Texas
EQ	Wells Electronics Co., South Bend, Ind.
ER	Thordarson-Meissner Division of Maguire Industries, Inc., Mount Carmel, Ill.
ES	Piezo Crystal Co., Carlisle, Pa.
ET	Pacific Semiconductors, Inc., Hawthorne, Calif.
EV	Fasco Industries, Inc., Rochester, N.Y.
EW	Triad Transformer Corp., Venice, Calif.
EX	National Tel Tronics Corp., Yonkers, N.Y.
EY	Carling Electric, Inc., Hartford, Conn.
EZ	E.F. Johnson Co., Waseca, Minn.
FA	Thomas Electronics, Inc., Passaic, N.J.
FB	Merit Coil and Transformer Corp., Hollywood, Fla.
FC	Aladdin Electronics Division of Aladdin Industries, Inc., Nashville, Tenn.
FD	Kulka Electric Corp., Mount Vernon, N. Y.
FE	Sperry Semiconductor Division of Sperry Rand Corp., Norwalk, Conn.
FF	Corning Glass Works, Electronic Components Department, Bradford, Pa.
FG	Duncan Electronics, Inc., Santa Ana, Calif.
FH	Advance Electronics Laboratories, Inc., Passaic, N.J.

Table 1. MANUFACTURER'S CODE (CONT'D)

CODE	NAME AND ADDRESS
FJ	Fastex Division of Illinois Tool Works, Des Plaines, Ill.
FK	Motorola, Inc., Semiconductor Products Division, Phoenix, Ariz.
FL	Electro Motive Mfg. Co., Willimantic, Conn.
FM	Varian Associates, Palo Alto, Calif.
FN	Quality Components, Inc., St. Marys, Pa.
FP	Automatic Mfg. Corp., Newark, N.J.
FQ	Electra Mfg. Co., Kansas City, Mo.
FR	Dage Electric Co., Inc., Beech Grove, Ind.
FS	The Cornish Wire Co., New York, N.Y.
FT	RLC Electronics, Inc., Mamaroneck, N.Y.
FU	Fairchild Camera and Instrument Corp., Semiconductor Division, Mountain View, Calif.
FV	Burnell and Co., Inc., Pelham Manor, N.Y.
FW	Dearborn Electronic Laboratories, Inc., Orlando, Fla.
FX	Weston Instruments, Division of Daystrom, Inc., Newark, N.J.
FY	HI-Q Division of Aerovox Corp., Myrtle Beach, S.C.
FZ	Electric Regulator Corp., South Norwalk, Conn.
GA	Simpson Electric Co., Chicago, Ill.
GB	Control Switch Division, Controls Co. of America, Chicago, Ill.
GC	Semicon, Inc., Bedford, Mass.
GD	Filtron Co., Inc., Flushing, Long Island, N.Y.
GE	Rotating Components, Inc., Brooklyn, N.Y.
GF	Transco Products, Inc., Los Angeles, Calif.
GG	Thompson Ramo Wooldridge, Inc., Cleveland, Ohio
GH	PRD Electronics, Inc., Brooklyn, N.Y.
GJ	Solitron Devices, Inc., Norwood, N.J.
GK	Valpey Crystal Co., Holliston, Mass.
GL	Sage Laboratories, Inc., Natick, Mass.
GM	J.H. Williams and Co., Buffalo, N.Y.
GN	Kings Electronics Co., Inc., Tuckahoe, N.Y.
GP	ITT Federal Division of International Telephone and Telegraph Corp., Clifton, N.J.
GQ	Herman H. Smith, Inc., Brooklyn, N.Y.
GR	Leecraft Mfg. Co., Inc., New York, N.Y.
GS	Adel Division of General Metals Corp., Huntington, W. Va.
GT	Augat Bros., Inc., Attleboro, Mass.
GU	Master Specialties Co., Los Angeles, Calif.
GV	Radio Cores, Inc., Oak Lawn, Ill.
GW	Camloc Fastener Corp., Paramus, N. J.
GX	Zierick Mfg. Corp., New Rochelle, N. Y.
GY	Phelps Dodge Copper Products Corp., Inca Mfg. Division, Fort Wayne, Ind.
GZ	Tung-Sol Electric, Inc., Newark, N. J.
HA	General Ceramics Corp., Keasbey, N. J.
HB	Southco Division of South Chester Corp., Lester, Pa.
HC	Heyman Mfg. Co., Kenilworth, N. J.
HD	International Electronic Research Corp., Burbank, Calif.
HE	Technitrol Engineering Co., Philadelphia, Pa.
HF	Polyphase Instrument Co., Bridgeport, Montgomery County, Pa.
HG	General Electric Co., Receiving Tube Department of Electronic Components Division, Clifton, N. J.
HH	Alpha Wire Corp., New York, N. Y.
HJ	Metal Textile Corp., Roselle, N. J.
HK	Speer Resistor Division of Speer Carbon Co., Bradford, Pa.

Table 1. MANUFACTURER'S CODE (CONT'D)

CODE	NAME AND ADDRESS
HL	Curtiss-Wright Corp., Electronics Division, East Patterson, N. J.
HM	Mueller Electric Co., Cleveland, Ohio
HN	Bergen Laboratories, Patterson, N. J.
HP	Sherold Crystals, Inc., Kansas City, Mo.
HQ	Hewlett-Packard Co., Palo Alto, Calif.
HR	Keystone Electronics Corp., New York, N. Y.
HS	Hupp Electronics, Division of Hupp Corp., Forest Park, Ill.
HT	Continental Connector Corp., Division of De Jur Amsco Corp., Long Island City, N. Y.
HU	Arnold Stevens Co., Inc., Boston, Mass.
HV	Grant Pulley and Hardware Co., West Nyack, N. Y.
HW	Filmohm Corp., New York, N. Y.
HX	Freed Transformer Co., Brooklyn, N. Y.
HY	Trimm, Inc., Libertyville, Ill.
HZ	Minneapolis Honeywell Regulator Co., Precision Meter Division, Manchester, N. H.
JA	Edwin B. Stimpson Co., Inc., Brooklyn, N. Y.
JB	Burndy Corp., Norwalk, Conn.
JC	Bradley Industries, Chicago, Ill.
JD	Aemco, Inc., Mankato, Minn.
JE	Molon Motors and Coil Corp., Chicago, Ill.
JF	Beckman Instruments, Inc., Fullerton, Calif.
JG	National Lock Washer Co., Newark, N. J.
JH	Tinnerman Products, Inc., Cleveland, Ohio
JJ	General Instrument Corp., Semiconductor Division, Newark, N. J.
JK	Vector Electronic Co., Glendale, Calif.
JL	Western Electric Co., Inc., New York, N. Y.
JM	Amp, Inc., Harrisburg, Pa.
JN	G. C. Electronics Mfg. Co., Rockford, Ill.
JP	Redmond Co., Inc., Owosso, Mich.
JQ	Philadelphia Handle Co., Camden, N. J.
JR	Gremar Mfg. Co., Inc., Wakefield, Mass.
JS	Monadnock Mills, San Leandro, Calif.
JT	Instrument Specialties Co., Inc., Little Falls, N. J.
JU	Connecticut Hard Rubber Co., New Haven, Conn.

TABLE 2. PARTS LIST

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	MODEL FIM-B2 BASIC UNIT			
AT1100 THRU AT1105	ATTENUATOR,RF,1000 TO 10000MC /POLARAD PART NO. A107716	135-D	GH	1
A101	LOW VOLTAGE POWER SUPPLY ASSY	D132637	BE	1
A102	TERMINAL BOARD ASSY,CONSISTING OF TB102 AND TB103	C132673	BE	1
A201	POWER SUPPLY,HIGH VOLTAGE	D132685	BE	1
A202	TERMINAL BOARD ASSY,CONSISTING OF TB201 AND TB204	C132670	BE	1
A203 AND A204	RESISTOR AND TUBE CAP ASSY /POLARAD PART NO. A132683	91-1SRL	D	1
A301	MONITOR PANEL ASSY	D132706	BE	1
A302	ATTENUATOR ASSY,IF	B133969	BE	1
A303	SWITCH AND COMPONENT ASSY	C134007	BE	1
A304	POTENTIOMETER CROSSBAR MTG ASSY	D132488	BE	1
A305	TERMINAL BOARD ASSY,CONSISTING OF TB300 AND TB301	B132662	BE	1
A801	CHASSIS ASSY,OSCILLATOR	C133918	BE	1
A802	PREAMPLIFIER ASSY, USED ON SERIAL NOS. 250 THRU 343	C17409	BE	1
A802	LOW NOISE AMPLIFIER ASSY,IF, USED ON SERIAL NOS. 7-1 AND UP	E146766	BE	1
A901	CHASSIS ASSY,IF	D133915	BE	1
A1001	CHASSIS ASSY,FM	D133924	BE	1
A1002	AUDIO METERING CHASSIS	D132703	BE	1
A1101	STEP ATTENUATOR ASSY	D133936	BE	1
B101	FAN ASSY,AXIAL,115VAC,50-440CPS	C132697	BE	1
B101A	MOTOR,FAN,SYNCHRONOUS,115VAC,50-440CPS, PART OF B101	B135877	BE	1
B101B	BRACKET ASSY,PART OF B101	C132691	BE	1
CP1101	CONNECTOR,ADAPTER,MALE,N TYPE	UG-57B/U	AU	1
CR100 THRU CR103	SEMICONDUCTOR DEVICE,DIODE,SILICON	B600	DX	20
CR104	SEMICONDUCTOR DEVICE,DIODE,ZENER /POLARAD PART NO. A701552	50M140ZR5	FK	5
CR105	SEMICONDUCTOR DEVICE,DIODE,SILICON	1N1341	CK	5
CR106	SEMICONDUCTOR DEVICE,DIODE	1N91	CK	5
CR107	SAME AS CR105			
CR108 THRU CR111	SEMICONDUCTOR DEVICE,DIODE	1N1218	CK	20

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
CR112	SEMICONDUCTOR DEVICE,DIODE	1N468	CK	5
CR113 THRU CR116	SEMICONDUCTOR DEVICE,DIODE /POLARAD PART NO. B701970	2E4	DQ	20
CR201 THRU CR208	SEMICONDUCTOR DEVICE,DIODE	1N2376	CK	40
CR301	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM	1N54A	CK	5
CR302	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM, USED ON SERIAL NOS. 250 THRU 290,292,293,295, 296,298 THRU 306,314,317 THRU 320,323	1N198	CK	5
CR303	SEMICONDUCTOR DEVICE,DIODE,SILICON	1N459	CK	5
CR304 THRU CR308	NOT USED			
CR309	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM	1N198	CK	5
CR801	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM, USED ON SERIAL NOS. 250 THRU 343	1N82A	CK	5
CR801	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM, USED ON SERIAL NOS. 7-1 AND UP	1N82	CK	5
CR1001 THRU CR1049	NOT USED			
CR1050 AND CR1051	SEMICONDUCTOR DEVICE,DIODE,GERMANIUM	1N69	CK	10
C100	CAPACITOR,ELECTROLYTIC,DUAL SECT,20UF, PLUS 50 PCT,MINUS 10 PCT,350WVDC,BOTH SECT	CE42C200P	AU	1
C101	CAPACITOR,PLASTIC,0.25UF,10 PCT,200WVDC /POLARAD PART NO. B508732	2TM-P25	BN	1
C102	CAPACITOR,ELECTROLYTIC,80UF,PLUS 100 PCT, MINUS 10 PCT,350WVDC	CE41C800P	AU	1
C103	SAME AS C102			
C104	CAPACITOR,PAPER,0.05UF,20 PCT,300WVDC	CN42AX503M	AU	1
C105	CAPACITOR,PAPER,0.1UF,20 PCT,400WVDC	CN43EE104M	AU	1
C106	CAPACITOR,ELECTROLYTIC,100UF,50WVDC /POLARAD PART NO. B511259	TVA-1310	BN	1
C107	CAPACITOR,ELECTROLYTIC,4000UF,PLUS 100 PCT, MINUS 10 PCT,25WVDC/POLARAD PART NO. B701553	HC2540A	DZ	1
C108	CAPACITOR,PAPER,1UF,20 PCT,400WVDC	CP61B1FE105M	AU	1
C109	SAME AS C102			
C110	CAPACITOR,ELECTROLYTIC,8UF,150WVDC	TVA-1405	BN	1
C111	CAPACITOR,PAPER,1UF,10 PCT,200WVDC /POLARAD PART NO. B702940	118P10592S2	BN	1
C112	CAPACITOR,PLASTIC,0.25UF,10 PCT,400WVDC /POLARAD PART NO. B706379	620M0.25-400-10PCT	AC	1
C201	CAPACITOR,PAPER,2UF,10 PCT,2500WVDC	CP70E1FK205K	AU	1
C202	NOT USED			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C203	CAPACITOR,PAPER,2UF,10 PCT,2000WVDC	CP70E1FJ205K	AU	1
C204	CAPACITOR,CERAMIC,0.05UF,PLUS 80 PCT, MINUS 20 PCT,500WVDC/POLARAD PART NO. A702514	41C105	BN	1
C205	CAPACITOR,PAPER,0.5UF,20 PCT,1500WVDC	CP41B1FH504M	AU	1
C206	CAPACITOR,PLASTIC,0.05UF,10 PCT,1000WVDC	10TM-S50	BN	1
C207 AND C208	SAME AS C204			
C209	SAME AS C203			
C210	CAPACITOR,PAPER,1UF,10 PCT,1500WVDC	CP70B1FH105K	AU	1
C211	SAME AS C204			
C212	CAPACITOR,MICA,820UUF,10 PCT,300WVDC	CM20B821K	AU	1
C213	CAPACITOR,CERAMIC,0.1UF,PLUS 80 PCT, MINUS 20,500WVDC/POLARAD PART NO. A702290/ USED ON SERIAL NOS. 294 AND UP	41C92	BN	1
C301	CAPACITOR,ELECTROLYTIC,8UF,PLUS 100 PCT, MINUS 20 PCT,50WVDC/POLARAD PART NO. A701905	40D192A2	BN	1
C302	CAPACITOR,CERAMIC,0.1UF,20 PCT,500WVDC	5GAB-P10	BN	1
C303	NOT USED			
C304	SAME AS C204			
C305	CAPACITOR,MICA,1000UUF,20 PCT,300WVDC	3GAB-D1	BN	1
C306	CAPACITOR,PAPER,0.047UF,10 PCT,300WVDC	CP09A1EE473K	AU	1
C307	CAPACITOR,PAPER,0.047UF,10 PCT,200WVDC	CP05A1KC473K	AU	1
C308	CAPACITOR,PAPER,0.33UF,10 PCT,200WVDC	CP05A1KC334K	AU	1
C309	CAPACITOR,CERAMIC,820UUF,PLUS 100 PCT, MINUS 20 PCT,500WVDC	CK60Y821Z	AU	4
C310	NOT USED			
C311 THRU C315	CAPACITOR,VARIABLE,CERAMIC,2-12UUF,500WVDC /POLARAD PART NO. A701519	PCST-50	CH	1
C316 THRU C330	NOT USED			
C331	CAPACITOR,PAPER,0.1UF,20 PCT,200WVDC /POLARAD PART NO. B701605	P12D	AG	1
C332	CAPACITOR,PAPER,0.5UF,10 PCT,1500WVDC	CP70E1EH504K	AU	1
C333	CAPACITOR,ELECTROLYTIC,4UF,PLUS 150 PCT, MINUS 10 PCT,150WVDC/POLARAD PART NO. B703713	NLW361P	U	1
C801	CAPACITOR,CERAMIC,820UUF,PLUS 100 PCT, MINUS 20 PCT,500WVDC,USED ON SERIAL NOS. 250 THRU 343	CK60Y821Z	AU	1
C801	CAPACITOR,MICA,510UUF,10 PCT,300WVDC, USED ON SERIAL NOS. 7-1 AND UP	CB21QD511K	AU	2
C802	CAPACITOR,MICA,470UUF,10 PCT,300WVDC, USED ON SERIAL NOS. 250 THRU 343	CB21QY471K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C802	CAPACITOR,MICA,1000UUF,10 PCT,300WVDC, USED ON SERIAL NOS. 7-1 AND UP	CB21QD102K	AU	1
C803	CAPACITOR,CERAMIC,5UUF,0.5UUF TOL,500WVDC, USED ON SERIAL NOS. 250 THRU 343	CC21CH050D	AU	1
C803	SAME AS C311,USED ON SERIAL NOS. 7-1 AND UP			
C804	CAPACITOR,CERAMIC,FEED-THRU,1000UUF,20 PCT, 500WVDC/POLARAD PART NO. A506409/ USED ON SERIAL NOS. 250 THRU 343	327X5U102M	Y	1
C804	CAPACITOR,CERAMIC,470UUF,PLUS 100 PCT,MINUS 20 PCT,500WVDC,USED ON SERIAL NOS. 7-1 AND UP	CK60Y471Z	AU	1
C805 THRU C808	SAME AS C802,USED ON SERIAL NOS. 250 THRU 343			
C809	SAME AS C804,USED ON SERIAL NOS. 250 THRU 343			
C805 THRU C810	SAME AS C801,USED ON SERIAL NOS. 7-1 AND UP			
C810 THRU C812	SAME AS C802,USED ON SERIAL NOS. 250 THRU 343			
C811	CAPACITOR,CERAMIC,2.2UUF,500WVDC /POLARAD PART NO. A702521/ USED ON SERIAL NOS. 7-1 AND UP	301C0J229C	Y	1
C812	CAPACITOR,CERAMIC,15UUF,10 PCT,500WVDC, USED ON SERIAL NOS. 7-1 AND UP	CC20CJ150K	AU	1
C813	SAME AS C804,USED ON SERIAL NOS. 250 THRU 343			
C814	SAME AS C802,USED ON SERIAL NOS. 250 THRU 343			
C813 AND C814	SAME AS C801,USED ON SERIAL NOS. 7-1 AND UP			
C815	SAME AS C804,USED ON SERIAL NOS. 250 THRU 343			
C815	CAPACITOR,CERAMIC,FEED-THRU,1000UUF,20 PCT, 500WVDC/POLARAD PART NO. A506409/ USED ON SERIAL NOS. 7-1 AND UP	327X5U102M	Y	1
C816	CAPACITOR,CERAMIC,1UUF,0.25UUF TOL,500WVDC, USED ON SERIAL NOS. 250 THRU 343	CC20CK010C	AU	1
C816	SAME AS C801,USED ON SERIAL NOS. 7-1 AND UP			
C817 AND C818	SAME AS C801,USED ON SERIAL NOS. 250 THRU 343			
C817 AND C818	SAME AS C802,USED ON SERIAL NOS. 7-1 AND UP			
C819	CAPACITOR,CERAMIC,1000UUF,PLUS 100 PCT,MINUS 20 PCT,500WVDC,USED ON SERIAL NOS. 7-1 AND UP	CK61Y102Z	AU	1
C820 AND C821	SAME AS C802,USED ON SERIAL NOS. 7-1 AND UP			
C822 AND C823	SAME AS C819,USED ON SERIAL NOS. 7-1 AND UP			
C824 THRU C826	SAME AS C802,USED ON SERIAL NOS. 7-1 AND UP			
C827	SAME AS C819,USED ON SERIAL NOS. 7-1 AND UP			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C828	SAME AS C802•USED ON SERIAL NOS• 7-1 AND UP			
C829 AND C830	NOT USED			
C831	SAME AS C311•USED ON SERIAL NOS• 7-1 AND UP			
C832 THRU C849	NOT USED			
C850	CAPACITOR•MICA•1000UUF•20 PCT•300WVDC	CB21QB102M	AU	3
C851	CAPACITOR•MICA•100UUF•5 PCT•300WVDC	CM15C101J	AU	1
C852	SAME AS C850			
C853	CAPACITOR•MICA•51UUF•5 PCT•300WVDC	CM15C510J	AU	1
C854 AND C855	CAPACITOR•CERAMIC•33UUF•10 PCT•500WVDC	CC20SL330K	AU	1
C856	CAPACITOR•MICA•47UUF•5 PCT•300WVDC	CM15C470J	AU	1
C857	SAME AS C850			
C858	CAPACITOR•CERAMIC•47UUF•10 PCT•500WVDC	CC20SL470K	AU	1
C859	SAME AS C309			
C860	NOT USED			
C861	SAME AS C309			
C862	SAME AS C850			
C863	CAPACITOR•CERAMIC•5UUF•0•25UUF TOL•500WVDC	CC20CH050C	AU	1
C864 THRU C866	SAME AS C309			
C867	CAPACITOR•CERAMIC•10UUF•0•5UUF TOL•500WVDC	CC20CH100D	AU	1
C868	CAPACITOR•MICA•47UUF•10 PCT•300WVDC	CB21QB470K	AU	1
C869	SAME AS C309			
C870	NOT USED			
C871 AND C872	SAME AS C309			
C873	SAME AS C867			
C874	SAME AS C850			
C875 THRU C878	SAME AS C309			
C900	SAME AS C309			
C901	SAME AS C850			
C902 THRU C904	SAME AS C309			
C905	SAME AS C850			
C906	SAME AS C309			
C907	CAPACITOR•CERAMIC•18UUF•5 PCT•500WVDC	CC20CH180J	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C908	SAME AS C850			
C909	SAME AS C309			
C910	NOT USED			
C911	SAME AS C309			
C912 AND C913	SAME AS C850			
C914 AND C915	SAME AS C309			
C916	SAME AS C907			
C917 AND C918	SAME AS C309			
C919	SAME AS C850			
C920	NOT USED			
C921 THRU C923	SAME AS C850			
C924 AND C925	SAME AS C309			
C926	SAME AS C850			
C927	CAPACITOR,CERAMIC,1UUF,0.25UUF TOL,500WVDC	CC20CK010C	AU	1
C928	SAME AS C863			
C929	SAME AS C309			
C930	NOT USED			
C931 AND C932	SAME AS C309			
C933	SAME AS C850			
C934	CAPACITOR,CERAMIC,7UUF,0.25UUF TOL,500WVDC	CC20CH070C	AU	1
C935	SAME AS C850			
C936 AND C937	SAME AS C309			
C938	SAME AS C850			
C939	SAME AS C309			
C940	NOT USED			
C941	SAME AS C850			
C942	SAME AS C309			
C943 AND C944	SAME AS C850			
C945	SAME AS C309			
C946	SAME AS C850			
C947	SAME AS C850			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C948	SAME AS C850			
C949	SAME AS C309			
C950	NOT USED			
C951	SAME AS C850			
C952	SAME AS C934			
C953	SAME AS C309			
C954	SAME AS C934			
C955 THRU C958	SAME AS C850			
C959	CAPACITOR,CERAMIC,2UUF,0.25UUF TOL,500WVDC	CC20CH020C	AU	1
C960	NOT USED			
C961 THRU C963	SAME AS C309			
C964	SAME AS C850			
C965	SAME AS C927			
C966 AND C967	SAME AS C309			
C968	SAME AS C850			
C969	SAME AS C934			
C970	NOT USED			
C971	SAME AS C850			
C972	SAME AS C867			
C973	CAPACITOR,CERAMIC,0.01UF,PLUS 100 PCT, MINUS 20 PCT,500WVDC	CK63Y103Z	AU	1
C974	SAME AS C850			
C975 THRU C979	CAPACITOR,CERAMIC,FEED-THRU,1000UUF,20 PCT, 500WVDC/POLARAD PART NO. A506409	327X5U102M		1
C980	NOT USED			
C981 THRU C989	SAME AS C309			
C990 AND C991	SAME AS C975			
C1001	CAPACITOR,ELECTROLYTIC,DUAL SECT,25UUF, PLUS 100 PCT,MINUS 10 PCT,200WVDC,BOTH SECT	CE42C250K	AU	1
C1002	SAME AS C973			
C1003	CAPACITOR,PAPER,0.1UF,10 PCT,200WVDC	CP04A1EC104K	AU	1
C1004	CAPACITOR,CERAMIC,2200UUF,PLUS 100 PCT, MINUS 20 PCT,500WVDC	CK62Y222Z	AU	1
C1005	CAPACITOR,MICA,2400UUF,5 PCT,500WVDC	CM30D242J	AU	1
C1006 THRU C1008	CAPACITOR,MICA,510UUF,5 PCT,300WVDC	CM15C511J	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C1009 AND C1010	SAME AS C973			
C1011 AND C1012	NOT USED			
C1013	CAPACITOR,PAPER,0.1UF,10 PCT,400WVDC	CP04A1EE104K	AU	1
C1014 THRU C1049	NOT USED			
C1050	CAPACITOR,CERAMIC,100UUF,10 PCT,500WVDC	CC25SL101K	AU	1
C1051	SAME AS C309			
C1052	SAME AS C850			
C1053	SAME AS C1050			
C1054 AND C1055	SAME AS C309			
C1056	SAME AS C1050			
C1057	SAME AS C1052			
C1058	SAME AS C309			
C1059	SAME AS C1052			
C1060	NOT USED			
C1061	SAME AS C309			
C1062	CAPACITOR,PAPER,1UF,20 PCT,400WVDC	CP11A3EE105M	AU	1
C1063	SAME AS C1052			
C1064	SAME AS C1050			
C1065	SAME AS C1052			
C1066	SAME AS C309			
C1067	SAME AS C1052			
C1068	SAME AS C858			
C1069	CAPACITOR,CERAMIC,27UUF,5 PCT,500WVDC	CC25CH270J	AU	1
C1070	NOT USED			
C1071	SAME AS C309			
C1072	SAME AS C1052			
C1073	SAME AS C1069			
C1074	SAME AS C309			
C1075	SAME AS C1052			
C1076	CAPACITOR,MICA,220UUF,10 PCT,2500WVDC	CM45B221K	AU	1
C1077	SAME AS C1076			
C1078	SAME AS C975			
C1079	CAPACITOR,MICA,47UUF,10 PCT,300WVDC	CM15B470K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
C1080	NOT USED			
C1081	SAME AS C1076			
C1082	CAPACITOR,MICA,220UUF,10 PCT,300WVDC	CM15B221K	AU	1
C1083	SAME AS C1079			
C1084	SAME AS C1082			
C1085	CAPACITOR,PAPER,1UF,20 PCT,100WVDC	CP10A1EB105M	AU	1
C1086 THRU C1089	SAME AS C309			
C1090	NOT USED			
C1091 AND C1092	SAME AS C309			
C1093	SAME AS C1078			
DS301 AND DS302	LAMP,NEON,105-125VAC,BAYONET BASE /POLARAD PART NO. AK5238	NE51	CK	2
FL100 AND FL101	FILTER,RF,15 AMP,115VAC /POLARAD PART NO. A114172	FA294	GD	1
FL851 THRU FL853	FILTER,RF,2500UUF,20 PCT,500WVDC, WITH LOCKWASHER M6355 AND NUT M6328 /POLARAD PART NO. A700354	FIB-A	D	1
F100 AND F101	FUSE,CARTRIDGE,6 AMP,3AG /MIL STD PART NO. MS90078-15/ /POLARAD PART NO. 518115	F02G6R00A	AU	10
F102	FUSE,CARTRIDGE,DELAY,8 AMP,3AG /MIL STD PART NO. MS90079-23/ /POLARAD PART NO. 518223	F03G8R00B	AU	5
F103	NOT USED			
F104	FUSE,CARTRIDGE,2 AMP,3AG /MIL STD PART NO. MS90078-11/ /POLARAD PART NO. 518111	F02G2R00A	AU	5
F105	FUSE,CARTRIDGE,150MA,3AG /MIL STD PART NO. MS90079-14/ /POLARAD PART NO. 518214/ USED ON SERIAL NOS. 250 THRU 303	F03GR150B	AU	5
F105	FUSE,CARTRIDGE,250MA,3AG /MIL STD PART NO. MS90079-16/ /POLARAD PART NO. 518216/ USED ON SERIAL NOS. 304 AND UP	F03GR250B	AU	5
F201	FUSE,CARTRIDGE,DELAY,62MA,3AG /MIL STD PART NO. MS90078-18/ /POLARAD PART NO. 518118	F02GR062B	AU	5
H101 AND H102	KNOB/POLARAD PART NO. 517221	70-2-2G	BH	1
H301 AND H302	KNOB	A138036	BE	1
H303 AND H304	KNOB	B115403	BE	1
J100	CONNECTOR,RECEPTACLE,MALE,2 PINS /POLARAD PART NO. A700010	7486	AE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
J101	CONNECTOR,RECEPTACLE,FEMALE,5 PINS /POLARAD PART NO. C509729	M5S-LRN	CC	1
J102	CONNECTOR,RECEPTACLE,FEMALE,7 PINS /POLARAD PART NO. C509730	M7S-LRN	CC	1
J103 AND J104	SAME AS J101			
J105	CONNECTOR,RECEPTACLE,FEMALE,9 PINS /POLARAD PART NO. C509731	M9S-LRN	CC	1
J106	CONNECTOR,RECEPTACLE,FEMALE,14 PINS /POLARAD PART NO. 516106	MRE-14S-G	CC	1
J107	CONNECTOR,RECEPTACLE,FEMALE,66 PINS	MRA-66S-G	CC	1
J108	CONNECTOR,RECEPTACLE,FEMALE,26 PINS	MRE-26S-G	CC	1
J109	CONNECTOR,RECEPTACLE,FEMALE,42 PINS	MRA-42S-G	CC	1
J110	SAME AS J101			
J201	CONNECTOR,RECEPTACLE,MALE,42 PINS /POLARAD PART NO. A702013	MRA-42P-G	CC	1
J301 AND J302	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-910/U	AU	1
J303	CONNECTOR,RECEPTACLE,MALE,5 PINS, NON-REPLACEABLE PART OF S1102			
J304	CONNECTOR,RECEPTACLE,MALE,5 PINS, NON-REPLACEABLE PART OF S1103			
J305	CONNECTOR,RECEPTACLE,FEMALE,TELEPHONE TYPE	95-02	HY	1
J306	CONNECTOR,RECEPTACLE,FEMALE,TELEPHONE TYPE	95-50	HY	1
J307	CONNECTOR,RECEPTACLE,MALE,N TYPE	UG-22D/U	AU	1
J308	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-909/U	AU	1
J309 AND J310	NOT USED			
J311 AND J312	SAME AS J307			
J313 THRU J324	NOT USED			
J325 AND J326	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE,RT ANGLE	UG-1098/U	AU	1
J801	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, USED ON SERIAL NOS. 250 THRU 343	UG-625A/U	AU	1
J802	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, RT ANGLE,USED ON SERIAL NOS. 250 THRU 343	UG-1098/U	AU	1
J803	SAME AS J801,USED ON SERIAL NOS. 250 THRU 343			
J801 THRU J803	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, USED ON SERIAL NOS. 7-1 AND UP	UG-625/U	AU	1
J804 THRU J849	NOT USED			
J850 AND J851	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-625/U	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
J900 THRU J904	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-625A/U	AU	1
J1001 AND J1002	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-625B/U	AU	1
J1003 THRU J1049	NOT USED			
J1050	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-1094/U	AU	1
J1100 AND J1101	CONNECTOR,RECEPTACLE,FEMALE,N TYPE NON-REPLACEABLE PART OF S1101			
J1102	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF S1101			
J1103	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1102			
J1104	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1102			
J1105	NOT USED			
J1106	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1103			
J1107	CONNECTOR,RECEPTACLE,FEMALE, NON-REPLACEABLE PART OF S1102			
J1108 AND J1109	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1100			
J1110	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1103			
J1111	CONNECTOR,RECEPTACLE,FEMALE, NON-REPLACEABLE PART OF S1102			
J1112 AND J1113	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1102			
J1114 AND J1115	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1101			
J1116	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1103			
J1117	CONNECTOR,RECEPTACLE,FEMALE, NON-REPLACEABLE PART OF S1102			
J1118 AND J1119	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1105			
J1120	NOT USED			
J1121 AND J1122	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1104			
J1123 AND J1124	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF AT1103			
J1125	NOT USED			
J1126	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1103			
J1127	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF S1103			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
J1128 THRU J1149	NOT USED			
J1150	CONNECTOR,RECEPTACLE,FEMALE,45 PINS /POLARAD PART NO. B701562	DPD-45-33S-1G	CF	1
K100	RELAY,THERMAL DELAY,SPST,26V	26N060T	E	1
K101	RELAY,ARMATURE,4PDT/POLARAD PART NO. B701999	SKH-CC-CC	CR	1
K201	RELAY,ARMATURE,DPDT,28V	Q906	AN	1
K1001	RELAY,ARMATURE,DPDT	B16431	BE	1
L801	COIL,IF,VARIABLE,USED ON SERIAL NOS. 250 THRU 343	A27455	BE	1
L801 AND L802	COIL,RF,1.8UH,USED ON SERIAL NOS. 7-1 AND UP	A21248	BE	1
L802 AND L803	COIL,RF,1.2UH,USED ON SERIAL NOS. 250 THRU 343	A27453	BE	1
L803	COIL,RF,VARIABLE, USED ON SERIAL NOS. 7-1 AND UP	B138779	BE	1
L804	COIL,RF,1.8UH,USED ON SERIAL NOS. 250 THRU 343	A27454	BE	1
L805 AND L806	SAME AS L802,USED ON SERIAL NOS. 250 THRU 343			
L807	COIL,RF,5UH,USED ON SERIAL NOS. 250 THRU 343	A27146	BE	1
L808	COIL,RF,0.2UH,USED ON SERIAL NOS. 250 THRU 343	A27601	BE	1
L804 THRU L809	SAME AS L801,USED ON SERIAL NOS. 7-1 AND UP			
L809 AND L810	SAME AS L804,USED ON SERIAL NOS. 250 THRU 343			
L811	COIL,RF,5UH,USED ON SERIAL NOS. 250 THRU 343	A27129	BE	1
L812	SAME AS L804,USED ON SERIAL NOS. 250 THRU 343			
L813	COIL,RF,0.8UH,USED ON SERIAL NOS. 250 THRU 343	A27452	BE	1
L814	COIL,RF,0.8UH,USED ON SERIAL NOS. 250 THRU 343	A27144	BE	1
L815	SAME AS L804,USED ON SERIAL NOS. 250 THRU 343			
L810 THRU L815	COIL,RF,5UH,USED ON SERIAL NOS. 7-1 AND UP	A21095	BE	1
L816	COIL,RF,0.8UH,USED ON SERIAL NOS. 7-1 AND UP	A21094	BE	1
L817	COIL,RF,0.28UH,USED ON SERIAL NOS. 7-1 AND UP	A21665	BE	1
L818	SAME AS L810,USED ON SERIAL NOS. 7-1 AND UP			
L819 AND L820	NOT USED			
L821	COIL,RF,0.23UH,USED ON SERIAL NOS. 7-1 AND UP	A146761	BE	1
L822 THRU L849	NOT USED			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
L850	CHOKE,RF,5UH	A23102	BE	3
L851	COIL,RF,VARIABLE	A25872	BE	1
L852	COIL,RF,VARIABLE	A25873	BE	1
L853	SAME AS L850			
L854	SAME AS L852			
L855 THRU L857	SAME AS L850			
L858 AND L859	COIL,RF,25UH	A25861	BE	1
L860	NOT USED			
L861 THRU L863	CHOKE,RF,0.8UH	A23100	BE	1
L900	COIL,RF,16UH	A25854	BE	1
L901 AND L902	SAME AS L850			
L903	COIL,RF,VARIABLE	A25855	BE	1
L904 AND L905	SAME AS L850			
L906	COIL,RF,VARIABLE	A25856	BE	1
L907 THRU L909	SAME AS L850			
L910	NOT USED			
L911	COIL,RF,VARIABLE	A25857	BE	1
L912 THRU L914	SAME AS L850			
L915	COIL,RF,VARIABLE	A25858	BE	1
L916 THRU L918	SAME AS L850			
L919	COIL,RF,VARIABLE	A25859	BE	1
L920	NOT USED			
L921 AND L922	SAME AS L850			
L923	COIL,RF,VARIABLE	A25860	BE	1
L924 THRU L927	SAME AS L850			
L928	SAME AS L858			
L929	COIL,RF,VARIABLE	A25862	BE	1
L930	NOT USED			
L931 THRU L934	SAME AS L850			
L935	COIL,RF,51.5UH	A117059	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
L936	SAME AS L858			
L937 THRU L939	SAME AS L850			
L940	NOT USED			
L941 THRU L943	SAME AS L861			
L944 THRU L949	COIL•RF•2UH	A25864	BE	1
L950	COIL•RF•250UH	A140023	BE	1
L1001 THRU L1049	NOT USED			
L1050	COIL•RF•VARIABLE	A25865	BE	1
L1051	SAME AS L850			
L1052	COIL•RF•VARIABLE	A25866	BE	1
L1053	SAME AS L1051			
L1054	COIL•RF•VARIABLE	A25867	BE	1
L1055	SAME AS L1051			
L1056	COIL•RF•VARIABLE	A25868	BE	1
L1057	SAME AS L1051			
L1058	COIL•RF•VARIABLE	A25869	BE	1
L1059	SAME AS L1051			
L1060	NOT USED			
L1061	COIL•RF•VARIABLE	A25870	BE	1
L1062	CHOKE•RF•30UH	A101932	BE	1
L1063	SAME AS L1051			
L1064 AND L1065	SAME AS L858			
L1066	COIL•RF•15UH	A25871	BE	1
L1067	SAME AS L1062			
L1068	SAME AS L1066			
L1069	SAME AS L861			
L1070	NOT USED			
L1071 THRU L1075	SAME AS L861			
M301	METER•DC•0-1MA•1 PCT	D707365	BE	1
M302	METER•DC•0-200MA•2 PCT	C132695	BE	1
P101 THRU P106	NOT USED			
P107	CONNECTOR•PLUG•MALE•66 PINS• WITH HOOD MRA-66H-1	MRA-66P-GH-1	CC	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
P108	NOT USED			
P109	CONNECTOR,PLUG,MALE,42 PINS,WITH HOOD MRA-42H /POLARAD PART NO. A702013	MRA-42P-G	CC	1
P110	CONNECTOR,PLUG,MALE,5 PINS,WITH HOOD H19C /POLARAD PART NO. 509706	M5P-LS	CC	1
P201	CONNECTOR,PLUG,FEMALE,42 PINS, WITH HOOD MRA-42H	MRA-42S-GH	CC	1
P301 AND P302	NOT USED			
P303 AND P304	CONNECTOR,PLUG,FEMALE,14 PINS	MS3106A-14S-5S	AV	1
P305 THRU P324	NOT USED			
P325 AND P326	CONNECTOR,PLUG,MALE,BNC TYPE	UG-88/U	AU	1
P327 THRU P350	NOT USED			
P351	CONNECTOR,PLUG,MALE,26 PINS, WITH HOOD MRE-26H-1	MRE-26P-GH-1	CC	1
P801 THRU P803	SAME AS P325			
P804	CONNECTOR,PLUG,MALE,5 PINS,WITH HOOD H9C /POLARAD PART NO. C509706	M5P-LS	CC	1
P805 THRU P849	NOT USED			
P850 AND P851	SAME AS P325			
P852	CONNECTOR,PLUG,MALE,7 PINS,WITH HOOD H19C /POLARAD PART NO. 509707	M7P-LS	CC	1
P900 THRU P902	SAME AS P325			
P903 AND P904	CONNECTOR,PLUG,MALE,BNC TYPE	UG-260/U	AU	1
P905	CONNECTOR,PLUG,MALE,9 PINS,WITH HOOD H19C /POLARAD PART NO. 509708	M9P-LS	CC	1
P1001 AND P1002	SAME AS P903			
P1003	CONNECTOR,PLUG,MALE,14 PINS,WITH HOOD MRE-14H	MRE-14P-GH	CC	1
P1004 THRU P1049	NOT USED			
P1050	SAME AS P325			
P1051 AND P1052	SAME AS P110			
P1100 AND P1101	CONNECTOR,PLUG,MALE,N TYPE	UG-21B/U	AU	1
P1102 AND P1103	CONNECTOR,PLUG,MALE,N TYPE, NON-REPLACEABLE PART OF CP1101			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
P1104	CONNECTOR,PLUG,MALE,N TYPE	UG-21D/U	AU	1
P1105	NOT USED			
P1106	SAME AS P1104			
P1107 THRU P1119	CONNECTOR,PLUG,MALE,N TYPE	UG-536A/U	AU	2
P1120	NOT USED			
P1121 THRU P1124	SAME AS P1107			
P1125	NOT USED			
P1126	SAME AS P1107			
P1127	SAME AS P1101			
Q100 AND Q101	SEMICONDUCTOR DEVICE,TRANSITOR	2N277	CK	2
Q102	SEMICONDUCTOR DEVICE,TRANSITOR	2N456	CK	1
Q103	SEMICONDUCTOR DEVICE,TRANSITOR	2N207	CK	1
R100	RESISTOR,COMPOSITION,100 OHMS,10 PCT,1/2W	RC20GF101K	AU	2
R101 AND R102	RESISTOR,COMPOSITION,47 OHMS,10 PCT,1/2W	RC20GF470K	AU	1
R103	SAME AS R100			
R104	SAME AS R100			
R105 AND R106	SAME AS R101			
R107	RESISTOR,COMPOSITION,470K,10 PCT,1/2W	RC20GF474K	AU	1
R108	RESISTOR,COMPOSITION,150K,10 PCT,1/2W	RC20GF154K	AU	1
R109	SAME AS R100			
R110	RESISTOR,COMPOSITION,100K,5 PCT,1/2W	RC20GF104J	AU	1
R111	RESISTOR,WW,1.5K,10W	10X-1.5K	DB	1
R112	RESISTOR,COMPOSITION,33K,10 PCT,1/2W	RC20GF333K	AU	1
R113	SAME AS R111			
R114	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W /POLARAD PART NO. 517851	RV4NAYSD253A	AU	1
R115	SAME AS R107			
R116	RESISTOR,COMPOSITION,120K,10 PCT,1/2W	RC20GF124K	AU	1
R117	RESISTOR,WW,1K,5 PCT,20W,WITH BRACKET K100 /POLARAD PART NO. A701555	PR20K	S	1
R118	RESISTOR,VARIABLE,WW,1 OHM,10W	1001	AZ	1
R119	RESISTOR,COMPOSITION,100 OHMS,10 PCT,1W	RC32GF101K	AU	1
R120	RESISTOR,COMPOSITION,56 OHMS,10 PCT,1/2W	RC20GF560K	AU	1
R121	RESISTOR,VARIABLE,COMPOSITION, 50 OHMS,10 PCT,2W	RV4NAYSD500A	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R122	RESISTOR•VARIABLE•COMPOSITION•20K•10 PCT•2W	RV4NAYSD203A	AU	1
R123	RESISTOR•COMPOSITION•120 OHMS•5 PCT•1/2W	RC20GF121J	AU	1
R124	RESISTOR•COMPOSITION•2•2K•10 PCT•1/2W	RC20GF222K	AU	1
R125	RESISTOR•VARIABLE•WW•1K•10 PCT•10W•WITH BRACKET F100/POLARAD PART NO• A701554	PR10FA	S	1
R126	NOT USED			
R127	RESISTOR•WW•2•7K•5 PCT•5W	452E2725	BN	1
R128	RESISTOR•VARIABLE•COMPOSITION•2•5K•10 PCT•2W /POLARAD PART NO• 517845	RV4NAYSD252A	AU	1
R129 THRU R131	NOT USED			
R132	RESISTOR•COMPOSITION•240K•5 PCT•1/2W	RC20GF244J	AU	1
R133 THRU R135	NOT USED			
R136	RESISTOR•COMPOSITION•6•8K•10 PCT•2W	RC42GF682K	AU	1
R200	SAME AS R100			
R201	RESISTOR•COMPOSITION•100 OHMS•10 PCT•1W• NON-REPLACEABLE PART OF A203			
R202	RESISTOR•COMPOSITION•100 OHMS•10 PCT•1W• NON-REPLACEABLE PART OF A204			
R203 AND R204	SAME AS R100			
R205	RESISTOR•COMPOSITION•220K•10 PCT•1/2W	RC20GF224K	AU	1
R206	SAME AS R100			
R207	SAME AS R205			
R208 AND R209	RESISTOR•COMPOSITION•33K•10 PCT•1W	RC32GF333K	AU	1
R210	SAME AS R107			
R211	RESISTOR•FILM•1K•1 PCT•1/2W	RN20X1001F	AU	1
R212	RESISTOR•COMPOSITION•51K•5 PCT•2W	RC42GF513J	AU	1
R213 AND R214	RESISTOR•VARIABLE•COMPOSITION•100K•20 PCT•2W	RV4NAYSD104B	AU	1
R215	RESISTOR•COMPOSITION•100K•5 PCT•2W	RC42GF104J	AU	1
R216	RESISTOR•VARIABLE•COMPOSITION•100K•20 PCT•2W	RV4NAYSA104B	AU	1
R217	SAME AS R107			
R218	RESISTOR•FILM•23•83K•1 PCT•1/2W /POLARAD PART NO• A701839	C-173AN-23•83K	CY	1
R219	RESISTOR•FILM•18•85K•1 PCT•1/2W /POLARAD PART NO• A701838	C-173AN-18•85K	CY	1
R220	RESISTOR•FILM•5•4K•1 PCT•1/2W	RN20X5401F	AU	1
R221 AND R222	RESISTOR•FILM•100 OHMS•1 PCT•1W	RN25X1000F	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R223	RESISTOR•FILM•12K•5 PCT•25W• USED ON SERIAL NOS. 250 THRU 343	RD35P1202J	AU	1
R224	RESISTOR•FILM•43K•5 PCT•25W• USED ON SERIAL NOS. 250 THRU 343	RD35P4302J	AU	1
R225	SAME AS R215			
R226	SAME AS R101			
R227	SAME AS R107			
R228	SAME AS R108			
R229	NOT USED			
R230	SAME AS R100			
R231 THRU R233	NOT USED			
R234	RESISTOR•COMPOSITION•47K•10 PCT•2W	RC42GF473K	AU	1
R235	RESISTOR•VARIABLE•COMPOSITION•50K•20 PCT•2W	RV4NAYSA503B	AU	1
R236	SAME AS R234			
R237	RESISTOR•COMPOSITION•470K•10 PCT•2W	RC42GF474K	AU	1
R238	RESISTOR•WW•25K•5 PCT•25W•WITH BRACKET 6120 AND BUSHING 6172/POLARAD PART NO. B702198	0219	AZ	1
R239 THRU R248	NOT USED			
R249	SAME AS R107			
R250	RESISTOR•COMPOSITION•68 OHMS•10 PCT•1/2W	RC20GF680K	AU	1
R251	RESISTOR•VARIABLE•COMPOSITION•1K•20 PCT•2W	RV4NAYSA102B	AU	1
R252	RESISTOR•COMPOSITION•1 MEGO•10 PCT•1/2W	RC20GF105K	AU	1
R253	RESISTOR•COMPOSITION•11 MEGO•10 PCT•1/2W USED ON SERIAL NOS. 304 AND UP	RC20GF116K	AU	1
R301 AND R302	NOT USED			
R303	RESISTOR•COMPOSITION•10K•10 PCT•1/2W	RC20GF103K	AU	1
R304 AND R305	NOT USED			
R306	RESISTOR•VARIABLE•COMPOSITION•DUAL CONC• SECT A•10K•SECT B•1K•20 PCT•2W•BOTH SECT	B134005	BE	1
R307	RESISTOR•COMPOSITION•4.7K•10 PCT•1/2W	RC20GF472K	AU	2
R308	RESISTOR•VARIABLE•COMPOSITION•DUAL CONC• SECT A•5K•SECT B•250K•20 PCT•2W•BOTH SECT• WITH SWITCH S302	B134004	BE	1
R309	SAME AS R208			
R310	RESISTOR•VARIABLE•COMPOSITION•1K•20 PCT•2W	A138881	BE	1
R311	RESISTOR•COMPOSITION•47K•10 PCT•1W	RC32GF473K	AU	1
R312	SAME AS R310			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R313	RESISTOR•COMPOSITION•68K•10 PCT•1W	RC32GF683K	AU	1
R314	RESISTOR•COMPOSITION•2.2K•10 PCT•1/2W• USED ON SERIAL NOS. 250 THRU 290•292•293•295• 296•298 THRU 306•314•317 THRU 320•323	RC20GF222K	AU	1
R315 AND R316	NOT USED			
R317	RESISTOR•COMPOSITION•620 OHMS•5 PCT•1/2W	RC20GF621J	AU	1
R318 AND R319	NOT USED			
R320	SAME AS R303			
R321 AND R322	RESISTOR•FILM•750K•1 PCT•1W	RN25A7503F	AU	1
R323 AND R324	RESISTOR•FILM•750K•1 PCT•1/2W	RN20A7503F	AU	1
R325	RESISTOR•FILM•10K•1 PCT•1/2W	RN20A1002F	AU	1
R326	NOT USED			
R327	RESISTOR•FILM•870 OHMS•1 PCT•1/4W /POLARAD PART NO. B705101	C-10-870	CY	1
R328	RESISTOR•FILM•5.77 OHMS•1 PCT•1/4W	C-10-5.77	CY	1
R329	SAME AS R327			
R330	NOT USED			
R331	RESISTOR•FILM•11.61 OHMS•1 PCT•1/4W /POLARAD PART NO. B705118	C-10-11.61	CY	1
R332 AND R333	RESISTOR•FILM•436.2 OHMS•1 PCT•1/4W	C-10-436.2	CY	1
R334	RESISTOR•FILM•17.61 OHMS•1 PCT•1/4W /POLARAD PART NO. B705119	C-10-17.61	CY	1
R335 AND R336	RESISTOR•FILM•292.4 OHMS•1 PCT•1/4W /POLARAD PART NO. B705106	C-10-292.4	CY	1
R337	RESISTOR•FILM•23.85 OHMS•1 PCT•1/4W /POLARAD PART NO. B705098	C-10-23.85	CY	1
R338 AND R339	RESISTOR•FILM•221 OHMS•1 PCT•1/4W /POLARAD PART NO. B705100	C-10-221	CY	1
R340	NOT USED			
R341	RESISTOR•FILM•71.15 OHMS•1 PCT•1/4W /POLARAD PART NO. B705108	C-10-71.15	CY	1
R342 AND R343	RESISTOR•FILM•96.25 OHMS•1 PCT•1/4W /POLARAD PART NO. B705109	C-10-96.25	CY	1
R344 THRU R350	NOT USED			
R351	RESISTOR•VARIABLE•COMPOSITION•2.5K•10 PCT• 1/2W/POLARAD PART NO. B137908	X3533	DR	1
R352	RESISTOR•COMPOSITION•22K•10 PCT•1W	RC32GF223K	AU	1
R353	NOT USED			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R354	RESISTOR•VARIABLE•COMPOSITION•5K•10 PCT•1/2W /POLARAD PART NO• B137909	X3534	DR	1
R355 THRU R358	NOT USED			
R359	SAME AS R351			
R360	NOT USED			
R361	SAME AS R351			
R362	RESISTOR•VARIABLE•COMPOSITION•1K•20 PCT•1/2W	B140573	BE	1
R363	RESISTOR•COMPOSITION•1•5K•10 PCT•1/2W	RC20GF152K	AU	1
R364	SAME AS R208			
R365 THRU R367	NOT USED			
R368	SAME AS R362			
R369	RESISTOR•WW•1•5 OHMS•1 PCT•2•5W	P-1-1•5	CY	1
R370 THRU R372	NOT USED			
R373	RESISTOR•COMPOSITION•24K•1 PCT•1/4W /POLARAD PART NO• A702106	EP25-24K	CY	1
R374	RESISTOR•COMPOSITION•1•3 MEGO•1 PCT•1/4W /POLARAD PART NO• A702107	EP25-1•3MEG	CY	1
R375	RESISTOR•COMPOSITION•1•08 MEGO•1 PCT•1/4W /POLARAD PART NO• A702109	EP25-1•08MEG	CY	1
R376	RESISTOR•COMPOSITION•1•4 MEGO•1 PCT•1/4W /POLARAD PART NO• A702105	EP25-1•4MEG	CY	1
R377 THRU R384	NOT USED			
R385	SAME AS R311			
R386	RESISTOR•COMPOSITION•10K•10 PCT•1W	RC32GF103K	AU	1
R387	RESISTOR•COMPOSITION•1K•10 PCT•1W	RC32GF102K	AU	1
R388	RESISTOR•COMPOSITION•15K•10 PCT•1W	RC32GF153K	AU	1
R389	RESISTOR•VARIABLE•COMPOSITION•25K•20 PCT•1/2W	RV5LAYSB253B	AU	1
R801	RESISTOR•COMPOSITION•33 OHMS•10 PCT•1/2W• USED ON SERIAL NOS• 250 THRU 343	RC20GF330K	AU	1
R802	RESISTOR•COMPOSITION•56 OHMS•10 PCT•1/2W• USED ON SERIAL NOS• 250 THRU 343	RC20GF560K	AU	1
R801 AND R802	RESISTOR•COMPOSITION•47 OHMS•5 PCT•1/2W• USED ON SERIAL NOS• 7-1 AND UP	RC20GF470J	AU	1
R803	RESISTOR•COMPOSITION•10 OHMS•10 PCT•1/2W	RC20GF100K	AU	22
R804	RESISTOR•COMPOSITION•39 OHMS•10 PCT•1/2W• USED ON SERIAL NOS• 250 THRU 343	RC20GF390K	AU	1
R804	RESISTOR•COMPOSITION•39 OHMS•5 PCT•1/2W• USED ON SERIAL NOS• 7-1 AND UP	RC20GF390J	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R805	RESISTOR•COMPOSITION•180 OHMS•10 PCT•1/2W• USED ON SERIAL NOS• 7-1 AND UP	RC20GF181K	AU	1
R806	SAME AS R803•USED ON SERIAL NOS• 7-1 AND UP			
R807	RESISTOR•COMPOSITION•1•2K•10 PCT•1/2W• USED ON SERIAL NOS• 7-1 AND UP	RC20GF122K	AU	1
R808	RESISTOR•COMPOSITION•200 OHMS•10 PCT•1/2W• USED ON SERIAL NOS• 7-1 AND UP	RC20GF201K	AU	1
R809 THRU R849	NOT USED			
R850 AND R851	RESISTOR•COMPOSITION•220 OHMS•10 PCT•1/2W	RC20GF221K	AU	2
R852	RESISTOR•COMPOSITION•15K•10 PCT•1/2W	RC20GF153K	AU	1
R853	RESISTOR•COMPOSITION•22K•10 PCT•1/2W	RC20GF223K	AU	1
R854	RESISTOR•COMPOSITION•5•6K•5 PCT•1/2W	RC20GF562J	AU	1
R855	SAME AS R850			
R856	SAME AS R307			
R857	SAME AS R112			
R858	SAME AS R850			
R859	SAME AS R307			
R860	NOT USED			
R861	SAME AS R307			
R862	SAME AS R850			
R863	SAME AS R853			
R900	RESISTOR•COMPOSITION•560 OHMS•10 PCT•1/2W	RC20GF561K	AU	1
R901	RESISTOR•COMPOSITION•2•4K•5 PCT•1/2W	RC20GF242J	AU	1
R902	SAME AS R852			
R903	SAME AS R850			
R904	RESISTOR•COMPOSITION•3K•5 PCT•1/2W	RC20GF302J	AU	1
R905	SAME AS R852			
R906	SAME AS R850			
R907	RESISTOR•COMPOSITION•1•2K•5 PCT•1/2W	RC20GF122J	AU	1
R908	SAME AS R852			
R909	SAME AS R850			
R910	NOT USED			
R911	RESISTOR•COMPOSITION•2•2K•5 PCT•1/2W	RC20GF222J	AU	1
R912	SAME AS R854			
R913	RESISTOR•COMPOSITION•390 OHMS•10 PCT•1/2W	RC20GF391K	AU	1
R914	SAME AS R112			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R915	RESISTOR•COMPOSITION•2K•10 PCT•1/2W	RC20GF202K	AU	1
R916	SAME AS R303			
R917	SAME AS R850			
R918	SAME AS R803			
R919	SAME AS R911			
R920	NOT USED			
R921	SAME AS R850			
R922	RESISTOR•COMPOSITION•2•7K•5 PCT•1/2W	RC20GF272J	AU	1
R923	RESISTOR•COMPOSITION•180 OHMS•10 PCT•1/2W	RC20GF181K	AU	1
R924	SAME AS R303			
R925	NOT USED			
R926	RESISTOR•COMPOSITION•22 OHMS•10 PCT•1/2W	RC20GF220K	AU	1
R927	RESISTOR•COMPOSITION•150 OHMS•10 PCT•1W	RC32GF151K	AU	1
R928	RESISTOR•COMPOSITION•270 OHMS•10 PCT•1/2W	RC20GF271K	AU	1
R929	RESISTOR•COMPOSITION•18 OHMS•10 PCT•1/2W	RC20GF180K	AU	1
R930	NOT USED			
R931	SAME AS R928			
R932	RESISTOR•COMPOSITION•56K•10 PCT•1/2W	RC20GF563K	AU	1
R933	RESISTOR•COMPOSITION•2K•5 PCT•1/2W	RC20GF202J	AU	1
R934	SAME AS R101			
R935	RESISTOR•COMPOSITION•430 OHMS•10 PCT•1/2W	RC20GF431K	AU	1
R936	RESISTOR•COMPOSITION•560K•10 PCT•1/2W	RC20GF564K	AU	1
R937	SAME AS R928			
R938	SAME AS R307			
R939	SAME AS R100			
R940	RESISTOR•COMPOSITION•1•8K•10 PCT•2W	RC42GF182K	AU	1
R941 THRU R989	NOT USED			
R990	RESISTOR•COMPOSITION•47K•10 PCT•1/2W	RC20GF473K	AU	1
R1001	SAME AS R311			
R1002	SAME AS R107			
R1003	RESISTOR•COMPOSITION•390 OHMS•10 PCT•1W	RC32GF391K	AU	1
R1004	SAME AS R803			
R1005	RESISTOR•COMPOSITION•1•2K•10 PCT•1W	RC32GF122K	AU	1
R1006	SAME AS R990			
R1007	RESISTOR•COMPOSITION•27K•10 PCT•1/2W	RC20GF273K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R1008	RESISTOR•COMPOSITION•220K•10 PCT•1W	RC32GF224K	AU	1
R1009	RESISTOR•FILM•250 MEGO•10 PCT•1/2W	HSD-250MEG	CZ	1
R1010	NOT USED			
R1011	SAME AS R1009			
R1012 AND R1013	SAME AS R101			
R1014	SAME AS R386			
R1015 AND R1016	RESISTOR•COMPOSITION•120K•5 PCT•1/2W	RC20GF124J	AU	1
R1017	RESISTOR•COMPOSITION•4•7K•5 PCT•1/2W	RC20GF472J	AU	1
R1018	SAME AS R107			
R1019	RESISTOR•COMPOSITION•820K•10 PCT•1/2W	RC20GF824K	AU	1
R1020	SAME AS R850			
R1021	SAME AS R114			
R1022	NOT USED			
R1023	SAME AS R1007			
R1024	RESISTOR•COMPOSITION•270K•10 PCT•1/2W	RC20GF274K	AU	1
R1025	RESISTOR•COMPOSITION•300K•5 PCT•1/2W	RC20GF304J	AU	1
R1026	RESISTOR•COMPOSITION•680 OHMS•10 PCT•1/2W	RC20GF681K	AU	1
R1027	RESISTOR•COMPOSITION•12K•10 PCT•2W	RC42GF123K	AU	1
R1028	SAME AS R1015			
R1029 THRU R1049	NOT USED			
R1050	SAME AS R928			
R1051	SAME AS R929			
R1052	SAME AS R928			
R1053	SAME AS R911			
R1054	SAME AS R100			
R1055	SAME AS R803			
R1056	RESISTOR•COMPOSITION•1•5K•5 PCT•1/2W	RC20GF152J	AU	1
R1057	SAME AS R307			
R1058	SAME AS R100			
R1059	SAME AS R803			
R1060	NOT USED			
R1061	SAME AS R911			
R1062	SAME AS R303			
R1063	RESISTOR•COMPOSITION•27K•10 PCT•1W	RC32GF273K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R1064	SAME AS R922			
R1065	RESISTOR,COMPOSITION,18K,10 PCT,1W	RC32GF183K	AU	1
R1066	SAME AS R388			
R1067	SAME AS R852			
R1068	SAME AS R1063			
R1069	RESISTOR,COMPOSITION,820 OHMS,5 PCT,1/2W	RC20GF821J	AU	1
R1070	NOT USED			
R1071	SAME AS R1065			
R1072	SAME AS R388			
R1073	SAME AS R307			
R1074	SAME AS R803			
R1075	SAME AS R100			
R1076	SAME AS R1056			
R1077 AND R1078	SAME AS R803			
R1079	SAME AS R100			
R1080	NOT USED			
R1081	SAME AS R1056			
R1082	SAME AS R803			
R1083	RESISTOR,VARIABLE,COMPOSITION, 500K,10 PCT,1/2W	RV6LAYSA504A	AU	1
S201	SWITCH,ROTARY,6 POLES,2 POSITIONS	MS20-1-6DT	AL	1
S301	SWITCH,ROTARY,2 SECT,4 WAFERS,5 POSITIONS /MODIFIED P PART NO. 2021	C132679	BE	1
S302	SWITCH,ROTARY,SPST, NON-REPLACEABLE PART OF R308			
S303	SWITCH,TOGGLE,DPST	ST52K	AU	1
S304	SWITCH,ROTARY,2 SECT,2 WAFERS,3 POSITIONS	B138063	BE	1
S305	SWITCH ASSY,PUSHBUTTON,4 STATIONS, DPST EACH STATION	B135813	BE	1
S306	SAME AS S303			
S307 THRU S324	NOT USED			
S325 THRU S329	SWITCH,PUSHBUTTON,DPDT	A133963	BE	1
S330 THRU S350	NOT USED			
S351	SWITCH,ROTARY,3 SECT,3 WAFERS,12 POSITIONS /MODIFIED P PART NO. PA2009	C132710	BE	1
S1101	SWITCH,COAXIAL,SPST,28V COIL /POLARAD PART NO. A107616	11100	GF	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
S1102 AND S1103	SWITCH,COAXIAL,SP4T,28VDC /POLARAD PART NO. A107717	C4N4AB	GG	1
TB101	TERMINAL BOARD,COMPONENT ASSY	B132664	BE	1
TB102 AND TB103	TERMINAL BOARD ASSY, NON-REPLACEABLE PART OF A102			
TB201	TERMINAL BOARD ASSY, NON-REPLACEABLE PART OF A202			
TB202	TERMINAL BOARD,COMPONENT ASSY	B132674	BE	1
TB203	NOT USED			
TB204	TERMINAL BOARD ASSY, NON-REPLACEABLE PART OF A202			
TB300 AND TB301	TERMINAL BOARD ASSY, NON-REPLACEABLE PART OF A305			
TB1000	TERMINAL BOARD,COMPONENT ASSY	B132005	BE	1
TB1001	TERMINAL BOARD,COMPONENT ASSY	B138059	BE	1
TP301 THRU TP350	NOT USED			
TP351 AND TP352	JACK,TEST POINT,BLACK /POLARAD PART NO. A514201	118930-C	BV	1
TP353 THRU TP355	NOT USED			
TP356 THRU TP359	SAME AS TP351			
TP900	JACK,TEST POINT,RED/POLARAD PART NO. A514202	118930-B	BV	1
TP901	SAME AS TP351			
TP1001 THRU TP1049	NOT USED			
TP1050	JACK,TEST POINT,BLUE/POLARAD PART NO. A514203	118930-G	BV	1
T101 AND T102	NOT USED			
T103	TRANSFORMER,POWER/POLARAD PART NO. B131647	ST3500	BQ	1
T104	TRANSFORMER,POWER/POLARAD PART NO. B131648	ST3501	BQ	1
T201	TRANSFORMER,POWER/POLARAD PART NO. B132284	ST3498	BQ	1
T202	TRANSFORMER,POWER/POLARAD PART NO. B131646	ST3499	BQ	1
T301	TRANSFORMER,PULSE,USED ON SERIAL NOS. 250 THRU 290,292,293,295,296,298 THRU 306, 314,317 THRU 320,323	A52C	DY	1
T800	COIL,RF,VARIABLE, USED ON SERIAL NOS. 7-1 AND UP	B138775	BE	1
T801	TRANSFORMER,IF,VARIABLE,USED ON SERIAL NOS. 250 THRU 343	A27456	BE	1
T801	COIL,RF,VARIABLE, USED ON SERIAL NOS. 7-1 AND UP	B138773	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
T802	TRANSFORMER, IF, VARIABLE, USED ON SERIAL NOS. 250 THRU 343	A27457	BE	1
T802	COIL, RF, VARIABLE, USED ON SERIAL NOS. 7-1 AND UP	B138774	BE	1
T803 THRU T849	NOT USED			
T850	TRANSFORMER, RF, VARIABLE	A25877	BE	1
T851	TRANSFORMER, RF, VARIABLE	A25878	BE	1
T900	TRANSFORMER, RF, VARIABLE	A25874	BE	1
T901	TRANSFORMER, RF, VARIABLE	A25875	BE	1
T1001	TRANSFORMER, RF/POLARAD PART NO. A25262	ST1655	BQ	1
T1002 THRU T1049	NOT USED			
T1050	TRANSFORMER, RF	A25876	BE	1
V100 AND V101	ELECTRON TUBE	6AS7	CK	4
V102	ELECTRON TUBE	6AU6	CK	8
V103	NOT USED			
V104	ELECTRON TUBE	0B2	CK	4
V201 AND V202	ELECTRON TUBE	807	CK	4
V203	ELECTRON TUBE	12AX7	CK	4
V204	ELECTRON TUBE	6AR6	CK	2
V205	SAME AS V203			
V206	ELECTRON TUBE	0A2	CK	2
V207	SAME AS V104			
V208	SAME AS V206			
V209	ELECTRON TUBE	6AH6	CK	1
V210	SAME AS V206			
V801 AND V802	ELECTRON TUBE, USED ON SERIAL NOS. 250 THRU 343	5876	CK	4
V801 AND V802	ELECTRON TUBE/POLARAD PART NO. B702935/ USED ON SERIAL NOS. 7-1 AND UP	7077	CK	4
V803	ELECTRON TUBE, USED ON SERIAL NOS. 7-1 AND UP	6AK5	CK	24
V804 THRU V849	NOT USED			
V850	ELECTRON TUBE	12AT7	CK	4
V851 THRU V853	ELECTRON TUBE	6AK5	CK	22
V900 THRU V906	SAME AS V851			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
V907	ELECTRON TUBE	6AN5	CK	2
V908	ELECTRON TUBE	6AL5	CK	2
V909	ELECTRON TUBE	5687	CK	2
V1001	SAME AS V203			
V1002	ELECTRON TUBE	6AQ5	CK	2
V1003	ELECTRON TUBE	6U8	CK	2
V1004	SAME AS V850			
V1005	SAME AS V102			
V1006 THRU V1049	NOT USED			
V1050 AND V1051	SAME AS V102			
V1052	SAME AS V851			
V1053	SAME AS V1052			
V1054 AND V1055	SAME AS V1050			
W301	CABLE ASSY	A133995	BE	1
W302	CABLE ASSY	A133994	BE	1
W303	CABLE ASSY	A133993	BE	1
W304	CABLE ASSY	A133992	BE	1
W305	CABLE ASSY	A133991	BE	1
W306	CABLE ASSY	A133390	BE	1
W307	CABLE ASSY	A140569	BE	1
W308	CABLE ASSY	A140570	BE	1
W1101	CABLE ASSY	C503357	BE	1
W1102 THRU W1104	CABLE ASSY	C503321	BE	1
W1105	NOT USED			
W1106	CABLE ASSY	C503318	BE	1
W1107	CABLE ASSY	C503358	BE	1
W1108	CABLE ASSY	C503359	BE	1
W1109	SAME AS W1106			
W1110	NOT USED			
W1111	SAME AS W1106			
W1112	SAME AS W1103			
W1113 THRU W1149	NOT USED			
W1150	CABLE ASSY	A135816	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
W1151	CABLE ASSY	A133997	BE	1
W1152	CABLE ASSY	A134000	BE	1
W1153	CABLE ASSY	A134001	BE	1
W1154	CABLE ASSY	A134002	BE	1
W1155	CABLE ASSY	A134003	BE	1
W1156	NOT USED			
W1157	CABLE ASSY	A133998	BE	1
W1158	CABLE ASSY	A133999	BE	1
XDS301	LAMPHOLDER ASSY,AMBER/POLARAD PART NO. 524104	95410-933	V	1
XDS302	LAMPHOLDER ASSY,RED/POLARAD PART NO. 524105	95410-931	V	1
XF201	FUSEHOLDER/POLARAD PART NO. A701008	4405	EG	1
XV100 AND XV101	SOCKET,ELECTRON TUBE	TS101P01	AU	1
XV102	SOCKET,ELECTRON TUBE	TS102P01	AU	1
XV103	NOT USED			
XV104	SAME AS XV102			
XV201 AND XV202	SOCKET,ELECTRON TUBE/POLARAD PART NO. 506725	49-SS5	F	1
XV203	SOCKET,ELECTRON TUBE,9 PINS	TS103P01	AU	1
XV204	SAME AS XV100			
XV205	SOCKET,ELECTRON TUBE/POLARAD PART NO. 506751	78-A9P/.062-.093	F	1
XV206 THRU XV210	SOCKET,ELECTRON TUBE/POLARAD PART NO. 506750	78-A7P/.062-.093	F	1
XV801 AND XV802	SOCKET,ELECTRON TUBE /POLARAD PART NO. A107688/ USED ON SERIAL NOS. 250 THRU 343	54A16325	R	1
XV801	SOCKET,ELECTRON TUBE, USED ON SERIAL NOS. 7-1 AND UP	B138768	BE	1
XV802	SOCKET,ELECTRON TUBE, USED ON SERIAL NOS. 7-1 AND UP	B138764	BE	1
XV803	SOCKET,ELECTRON TUBE, USED ON SERIAL NOS. 7-1 AND UP	TS102C01	AU	1
XV804 THRU XV849	NOT USED			
XV850	SOCKET,ELECTRON TUBE	TS103C01	AU	1
XV851 THRU XV853	SOCKET,ELECTRON TUBE	TS102C01	AU	1
XV900 THRU XV908	SAME AS XV102			
XV909	SAME AS XV203			
XV1001	SAME AS XV203			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
XV1002	SAME AS XV102			
XV1003 AND XV1004	SAME AS XV203			
XV1005	SAME AS XV102			
XV1006 THRU XV1049	NOT USED			
XV1050 THRU XV1055	SAME AS XV851			
XY801 THRU XY849	NOT USED			
XY850	SOCKET,CRYSTAL/POLARAD PART NO. A106462	33302	AS	1
Y801 THRU Y849	NOT USED			
Y850	CRYSTAL,QUARTZ,30MC,0.005 PCT	CR-23/U-30MC	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	SUPPLIED ACCESSORIES			
A1201	ACCESSORY KIT	A146767	BE	1
A1202	WRENCH KIT	A25109	BE	1
CP1201	CONNECTOR•ADAPTER•3 TO 2 PINS•BLACK /POLARAD PART NO• A131966	228-BLK	FS	1
J1201	CONNECTOR•RECEPTACLE•FEMALE•45 PINS•WITH HOOD DPD-33-11612/POLARAD PART NO• B701562	DPD-45-33S-1G	CF	1
MP1201	WRENCH•KLYSTRON	B144477	BE	1
MP1202	WRENCH•KLYSTRON	B144525	BE	1
MP1203	WRENCH•SPANNER	A15550	BE	1
MP1204	WRENCH•SPLINE	515101	BE	1
MP1205	WRENCH•SPLINE	515102	BE	1
MP1206	WRENCH•SPLINE	515103	BE	1
MP1207	WRENCH•SPLINE	515104	BE	1
MP1208	WRENCH•ALLEN	515301	BE	1
MP1209	WRENCH•ALLEN	515302	BE	1
MP1210	WRENCH•ALLEN	515303	BE	1
MP1211	WRENCH•ALLEN	515304	BE	1
P1201	CONNECTOR•PLUG•FEMALE•2 PINS /POLARAD PART NO• B700008	7484	AE	1
P1202	CONNECTOR•PLUG•MALE•3 PINS• NON-REPLACEABLE PART OF W1201A			
P1203 AND P1204	CONNECTOR•PLUG•MALE•N TYPE	UG-21D/U	AU	1
P1205	CONNECTOR•PLUG•MALE•45 PINS• WITH HOOD DPD-34-12172	DPD-45-34P-1G	CF	1
P1206 THRU P1209	SAME AS P1203			
P1212 AND P1213	CONNECTOR•PLUG•MALE•BNC TYPE	UG-88/U	AU	1
W1201	CABLE ASSY•POWER	B145871	BE	1
W1202	CABLE ASSY•RF	A109817	BE	1
W1203	CABLE ASSY•RF•USED WITH TUNING UNITS FIM-L2 AND FIM-S2	B146768	BE	1
W1203	CABLE ASSY•RF•USED WITH TUNING UNITS FIM-X2 AND FIM-M2	B146758	BE	1
W1204	CABLE ASSY•RF	A140571	BE	1
W1205	CABLE ASSY•RF	B146768	BE	1
W1206	CABLE ASSY•PATCH	B140565	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	MODEL FIM-L2 TUNING UNIT			
A401	THERMISTOR MOUNT ASSY	BK50092	BE	1
A402	OSCILLATOR ASSY,LESS V401	B127004	BE	1
A403	OSCILLATOR ASSY,LESS V402	B127002	BE	1
A404	CABLE AND MIXER ASSY	B117484	BE	1
A405	THERMISTOR MOUNT ASSY	B117873	BE	1
CP401	CONNECTOR,ADAPTER,TEE,BNC TYPE	UG-274/U	AU	1
CR401 AND CR402	SEMICONDUCTOR DEVICE,DIODE	61-1501	DQ	10
CR403	SEMICONDUCTOR DEVICE,DIODE	1N23C	CK	5
C401 AND C402	CAPACITOR,PAPER,0.47UF,10 PCT,1000WVDC	CP10A1EG474K	AU	1
C403	NOT USED			
C404	CAPACITOR,MICA,1000UUF,10 PCT,300WVDC	CB11ND102K	AU	1
DS401	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS401	328	CK	1
DS402	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS402	328	CK	1
DS403 AND DS404	LAMP,INCANDESCENT,6-8V,BAYONET BASE /POLARAD PART NO. 005237	47	CK	2
FL401	FILTER ASSY,LOW-PASS	F30-SP-1	FT	1
FL402	FILTER ASSY,LOW-PASS	A27611	BE	1
FL403	FILTER,RF,NON-REPLACEABLE PART OF A405			
H401	KNOB/POLARAD PART NO. A707469	70-2WD-2G	BH	1
H402	KNOB/POLARAD PART NO. 507306	225-6-2G	BH	1
H403	KNOB	A122159	BE	1
H404 AND H405	KNOB/POLARAD PART NO. 517223	125-2-2G	BH	1
J401	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-909/U	AU	1
J402	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF FL402			
J403	CONNECTOR,RECEPTACLE,FEMALE,1 PIN /POLARAD PART NO. AK5401	2016	AR	1
J404	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-89/U	AU	1
J405	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF FL401			
J406	NOT USED			
J407	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF FL402			
J408	CONNECTOR,RECEPTACLE	B127731	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
J409 AND J410	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF CP401			
J411	CONNECTOR,RECEPTACLE,MALE,BNC TYPE, NON-REPLACEABLE PART OF CP401			
J412	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF A404			
J413	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF FL401			
MP401	KLYSTRON COVER AND SOCKET ASSY	A126211	BE	1
MP402	KLYSTRON COVER AND SOCKET ASSY	A126212	BE	1
P401	NOT USED			
P402	CONNECTOR,PLUG,MALE,BNC TYPE,RT ANGLE /POLARAD PART NO. A706211	8525	CX	1
P403	CONNECTOR,PLUG,MALE,BNC TYPE	UG-260/U	AU	1
P404 AND P405	CONNECTOR,PLUG,MALE,N TYPE	UG-21B/U	AU	1
P406	SAME AS P403			
P407	SAME AS P402			
P408	CONNECTOR,PLUG,MALE,45 PINS	DPD-45-34P-1G	CF	1
P409 THRU P411	NOT USED			
P412	CONNECTOR,PLUG,NON-REPLACEABLE PART OF W402			
RT401	THERMISTOR,725 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510511	27D1	BZ	1
RT402	THERMISTOR,760 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510512	28D1	BZ	1
RT403	THERMISTOR,NON-REPLACEABLE PART OF A405			
R401 THRU R403	RESISTOR,FILM,130 OHMS,1 PCT,1/2W	RN20R1300F	AU	1
R404	RESISTOR,COMPOSITION,100 OHMS,10 PCT,1W	RC32GF101K	AU	1
R405	NOT USED			
R406	RESISTOR,COMPOSITION,1.2K,10 PCT,2W	RC42GF122K	AU	1
R407	SAME AS R401			
R408	RESISTOR,COMPOSITION,470 OHMS,10 PCT,1/2W	RC20GF471K	AU	1
R409	RESISTOR,VARIABLE,WW,5K,10 PCT,4W	A135841	BE	1
R410	NOT USED			
R411 AND R412	RESISTOR,COMPOSITION,22K,10 PCT,2W	RC42GF223K	AU	1
R413	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W	A135845	BE	1
R414	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W /POLARAD PART NO. 517851	RV4NAYSD253A	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R415	NOT USED			
R416 AND R417	SAME AS R411			
R418 AND R419	RESISTOR,COMPOSITION,15K,10 PCT,1/2W	RC20GF153K	AU	1
R420 THRU R423	NOT USED			
R424	RESISTOR,VARIABLE,COMPOSITION,250K,10 PCT,2W	A144984	BE	1
R425	RESISTOR,VARIABLE,COMPOSITION,100K,10 PCT,2W /POLARAD PART NO. 517923	RV4NAYSD104A	AU	1
R426 AND R427	RESISTOR,COMPOSITION,43K,5 PCT,2W	RC42GF433J	AU	1
R426 AND R427	RESISTOR,COMPOSITION,68K,10 PCT,2W, USED ON SERIAL NOS. 250 THRU 275, 277 THRU 299,301 AND 303	RC42GF683K	AU	1
R428	RESISTOR,COMPOSITION,100K,10 PCT,1/2W	RC20GF104K	AU	1
R429	RESISTOR,VARIABLE,WW,100K,1 PCT,12W, TAP A,80K,TAP B,60K,TAP C,40K,TAP D,20K /POLARAD PART NO. C17230	RVLL-3-12-S	DL	1
R430	NOT USED			
R431	SAME AS R425			
R432	RESISTOR,COMPOSITION,47K,10 PCT,2W	RC42GF473K	AU	1
R433	RESISTOR,VARIABLE,COMPOSITION,100K,10 PCT,2W	A135846	BE	1
R434 THRU R443	NOT USED			
R444	RESISTOR,COMPOSITION,4.7K,10 PCT,2W	RC42GF472K	AU	1
R445	NOT USED			
R446	SAME AS R425			
R447	RESISTOR,VARIABLE,COMPOSITION,DUAL SECT, 10K,10 PCT,2W,BOTH SECT	CK5177SL103A-103A	BE	1
R448 THRU R450	RESISTOR,COMPOSITION,470K,10 PCT,1/2W	RC20GF474K	AU	1
R451	NOT USED			
R452	RESISTOR,COMPOSITION,62K,10 PCT,1/2W	RC20GF623K	AU	1
R453	RESISTOR,COMPOSITION,68K,10 PCT,2W	RC42GF683K	AU	1
R454	RESISTOR,FILM,50K,10 PCT,7W	LP1-7	FF	1
R455 AND R456	NOT USED			
R457	RESISTOR,COMPOSITION,33K,10 PCT,2W	RC42GF333K	AU	1
R458	SAME AS R429			
R459	SAME AS R428			
R460	RESISTOR,FILM,MICROWAVE,50 OHMS,10 PCT,1/2W /POLARAD PART NO. A544104/ NON-REPLACEABLE PART OF W407			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R461	SAME AS R425			
R462	RESISTOR•VARIABLE•COMPOSITION•50K•10 PCT•2W	A135844	BE	1
R463	SAME AS R425			
R464	SAME AS R433			
R465 AND R466	NOT USED			
R467	RESISTOR•FILM•50K•5 PCT•4W	RD70P5002J	AU	1
R468 AND R469	NOT USED			
R470	RESISTOR•COMPOSITION•10K•10 PCT•1W	RC32GF103K	AU	1
R471	RESISTOR•COMPOSITION•750K•5 PCT•1W	RC32GF754J	AU	1
R472	RESISTOR•COMPOSITION•2.2 MEGO•5 PCT•1W	RC32GF225J	AU	1
R473	RESISTOR•COMPOSITION•3 MEGO•5 PCT•1W	RC32GF305J	AU	1
R474	RESISTOR•COMPOSITION•3.3 MEGO•5 PCT•1W	RC32GF335J	AU	1
R475	RESISTOR•VARIABLE•COMPOSITION•50K•10 PCT•2W /POLARAD PART NO. 517853	RV4NAYSD503A	AU	1
S401 THRU S408	NOT USED			
S409	SWITCH•SENSITIVE•DPDT /POLARAD PART NO. B702610	DT-2RV212-A7	AX	1
S410	SWITCH•SENSITIVE•SPDT/POLARAD PART NO. A20438	V3-13	AX	1
TB401	TERMINAL BOARD•COMPONENT ASSY	C132471	BE	1
TB402	TERMINAL BOARD	B132464	BE	1
TB403	TERMINAL BOARD•COMPONENT ASSY	C130616	BE	1
TP401 THRU TP404	JACK•TEST POINT•RED/POLARAD PART NO. A514202	118930-B	BV	1
V401 AND V402	ELECTRON TUBE•KLYSTRON	ZV1010/7505	BE	2
W401	CABLE ASSY	A135856	BE	1
W402	CABLE ASSY	B114028	BE	1
W404	CABLE ASSY	A117483	BE	1
W405	CABLE AND PROBE ASSY• NON-REPLACEABLE PART OF A404	B26047	BE	1
W406	CABLE ASSY	A117667	BE	1
W407	CABLE ASSY	B135860	BE	1
XDS401 AND XDS402	LAMPHOLDER ASSY WITH BULB /POLARAD PART NO. A17508	TT-61-XP-15-B7	V	1
XDS403 AND XDS404	LAMPHOLDER ASSY	A28157	BE	1
Z401	PRESELECTOR ASSY	B126988	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
Z402	IMPEDENCE STUB ASSY	A117480	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	MODEL FIM-S2 TUNING UNIT			
A501	CABLE AND MIXER ASSY	B135916	BE	1
A502	OSCILLATOR ASSY,LESS V501	B127005	BE	1
A503	OSCILLATOR ASSY,LESS V502	B127525	BE	1
A504	THERMISTER MOUNT ASSY	BK50091	BE	1
A505	THERMISTER MOUNT ASSY	B127519	BE	1
CP501	CONNECTOR,ADAPTER,TEE,BNC TYPE	UG-274/U	AU	1
CR501 AND CR502	SEMICONDUCTOR DEVICE,DIODE	61-1501	DQ	10
CR503	SEMICONDUCTOR DEVICE,DIODE	1N23C	CK	5
C501 AND C502	CAPACITOR,PAPER,0.47UF,10 PCT,1000WVDC	CP10A1EG474K	AU	1
C503	NOT USED			
C504	CAPACITOR,MICA,1000UUF,10 PCT,300WVDC	CB11ND102K	AU	1
DS501	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS501	328	CK	1
DS502	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS502	328	CK	1
DS503 AND DS504	LAMP,INCANDESCENT,6-8V,BAYONET BASE /POLARAD PART NO. 005237	47	CK	2
FL501	FILTER ASSY,BAND-PASS	F-30-SP-2	FT	1
H501	KNOB/POLARAD PART NO. A707469	70-2WD-2G	BH	1
H502	KNOB/POLARAD PART NO. 507306	225-6-2G	BH	1
H503	KNOB	A122159	BE	1
H504 AND H505	KNOB/POLARAD PART NO. 517223	125-2-2G	BH	1
J501	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-909/U	AU	1
J502	NOT USED			
J503	CONNECTOR,RECEPTACLE,FEMALE,N TYPE	UG-1095B/U	AU	1
J504	NOT USED			
J505	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF FL501			
J506	CONNECTOR,RECEPTACLE,FEMALE,N TYPE, NON-REPLACEABLE PART OF FL501			
J507	CONNECTOR,RECEPTACLE,FEMALE	B103934	BE	1
J508 AND J509	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF CP501			
J510	CONNECTOR,RECEPTACLE,MALE,BNC TYPE, NON-REPLACEABLE PART OF CP501			
J511	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF A501			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
MP501	KLYSTRON SOCKET AND COVER ASSY	A126273	BE	1
MP502	KLYSTRON SOCKET AND COVER ASSY	A126274	BE	1
P501 AND P502	CONNECTOR,PLUG,MALE,N TYPE	UG-21B/U	AU	1
P503	CONNECTOR,PLUG,MALE,BNC TYPE	UG-260/U	AU	1
P504	NOT USED			
P505	CONNECTOR,PLUG,FEMALE,BNC TYPE	UG-89/U	AU	1
P506	SAME AS P503			
P507	CONNECTOR,PLUG,MALE,45 PINS	DPD-45-34P-1G	CF	1
P508	CONNECTOR,PLUG,NON-REPLACEABLE PART OF W504			
RT501	THERMISTOR,725 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510511	27D1	BZ	1
RT502	THERMISTOR,760 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510512	28D1	BZ	1
RT503	THERMISTER,NON-REPLACEABLE PART OF A505			
R501 THRU R503	RESISTOR,FILM,130 OHMS,1 PCT,1/2W	RN20R1300F	AU	1
R504	RESISTOR,COMPOSITION,100 OHMS,10 PCT,1W	RC32GF101K	AU	1
R505	NOT USED			
R506	RESISTOR,COMPOSITION,1.2K,10 PCT,2W	RC42GF122K	AU	1
R507	SAME AS R501			
R508	RESISTOR,COMPOSITION,470 OHMS,10 PCT,1/2W	RC20GF471K	AU	1
R509	RESISTOR,VARIABLE,WW,5K,10 PCT,4W	A135841	BE	1
R510	NOT USED			
R511 AND R512	RESISTOR,COMPOSITION,22K,10 PCT,2W	RC42GF223K	AU	1
R513 AND R514	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W /POLARAD PART NO. 517851	RV4NAYSD253A	AU	1
R515	NOT USED			
R516 AND R517	SAME AS R511			
R518 AND R519	RESISTOR,COMPOSITION,15K,10 PCT,1/2W	RC20GF153K	AU	1
R520 THRU R523	NOT USED			
R524	RESISTOR,VARIABLE,COMPOSITION,100K,10 PCT,2W /POLARAD PART NO. 517923	RV4NAYSD104A	AU	1
R525 AND R526	NOT USED			
R527	RESISTOR,COMPOSITION,82K,10 PCT,2W	RC42GF823K	AU	1
R528	RESISTOR,COMPOSITION,100K,10 PCT,1/2W	RC20GF104K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R529	RESISTOR•VARIABLE•WW•100K•1 PCT•12W• TAP A•80K•TAP B•60K•TAP C•40K•TAP D•20K /POLARAD PART NO• C17230	RVLL-3-12-S	DL	1
R530	NOT USED			
R531	SAME AS R524			
R532	RESISTOR•FILM•60K•5 PCT•4W	RD70P6002J	AU	1
R533 THRU R546	NOT USED			
R547	RESISTOR•VARIABLE•COMPOSITION•DUAL SECT• 10K•10 PCT•2W•BOTH SECT	CK5177SL103A-103A	BE	1
R548 THRU R550	RESISTOR•COMPOSITION•470K•10 PCT•1/2W	RC20GF474K	AU	1
R551	NOT USED			
R552	RESISTOR•COMPOSITION•62K•10 PCT•1/2W	RC20GF623K	AU	1
R553 THRU R556	NOT USED			
R557	RESISTOR•COMPOSITION•47K•10 PCT•2W	RC42GF473K	AU	1
R558	SAME AS R529			
R559	SAME AS R528			
R560	RESISTOR•FILM•MICROWAVE•50 OHMS•10 PCT•1/2W /POLARAD PART NO• A544106/ NON-REPLACEABLE PART OF W506			
R561	SAME AS R524			
R562	RESISTOR•VARIABLE•COMPOSITION•50K•10 PCT•2W /POLARAD PART NO• 517853	RV4NAYSD503A	AU	1
R563 THRU R569	NOT USED			
R570	RESISTOR•COMPOSITION•10K•10 PCT•1W	RC32GF103K	AU	1
R571	RESISTOR•COMPOSITION•750K•5 PCT•1W	RC32GF754J	AU	1
R572	RESISTOR•COMPOSITION•2•2 MEGO•5 PCT•1W	RC32GF225J	AU	1
R573	RESISTOR•COMPOSITION•3 MEGO•5 PCT•1W	RC32GF305J	AU	1
R574	RESISTOR•COMPOSITION•3•3 MEGO•5 PCT•1W	RC32GF335J	AU	1
R575	SAME AS R562			
TB501	TERMINAL BOARD•COMPONENT ASSY	C132472	BE	1
TB502	TERMINAL BOARD	B132464	BE	1
TB503	TERMINAL BOARD•COMPONENT ASSY	C130617	BE	1
TP501 THRU TP504	JACK•TEST POINT•RED/POLARAD PART NO• A514202	118930-B	BV	1
V501 AND V502	ELECTRON TUBE•KLYSTRON	ZV1009/7049	BE	2
W501	CABLE ASSY	A135918	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
W502	NOT USED			
W503	CABLE AND PROBE ASSY. NON-REPLACEABLE PART OF A501			
W504	CABLE ASSY	B114029	BE	1
W505	CABLE ASSY	A135901	BE	1
W506	CABLE AND PROBE ASSY	B135858	BE	1
XDS501 AND XDS502	LAMPHOLDER ASSY.WITH BULB /POLARAD PART NO. A17508	TT-61-XP-15-B7	V	1
XDS503 AND XDS504	LAMPHOLDER ASSY	A28157	BE	1
Z501	PRESELECTOR ASSY	B127003	BE	1
Z502	IMPEDENCE STUB ASSY	A135900	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	MODEL FIM-M2 TUNING UNIT			
A601	MIXER ASSY	B141758	BE	1
A602	OSCILLATOR ASSY,LESS V601	C127533	BE	1
A603	OSCILLATOR ASSY,LESS V602	C127763	BE	1
A604	THERMISTER MOUNT ASSY	BK50091	BE	1
A605	THERMISTER MOUNT ASSY	B117874	BE	1
B601	BLOWER AND FILTER ASSY	B123060	BE	1
B601A	MOTOR,BLOWER,115VAC,50-440CPS /POLARAD PART NO. B135909/PART OF B601	CSC-K158-1	GE	1
B601B	FILTER,AIR CONDITIONING,PART OF B601	B10517	BE	1
CP601	CONNECTOR,ADAPTER,TEE,BNC TYPE	UG-274/U	AU	1
CR601 AND CR602	SEMICONDUCTOR DEVICE,DIODE	61-1501	DQ	10
CR603	SEMICONDUCTOR DEVICE,DIODE	1N23D	CK	5
C601 AND C602	CAPACITOR,PAPER,0.47UF,10 PCT,1000WVDC	CP10A1EG474K	AU	1
C603	CAPACITOR,PAPER,1UF,10 PCT,400WVDC	CP53B1EE105K	AU	1
C604	CAPACITOR,MICA,1000UUF,10 PCT,300WVDC	CB11ND102K	AU	1
DS601	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS601	328	CK	1
DS602	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS602	328	CK	1
DS603 AND DS604	LAMP,INCANDESCENT,6-8V,BAYONET BASE /POLARAD PART NO. 005237	47	CK	2
H601	KNOB/POLARAD PART NO. 507306	225-6-2G	BH	1
H602	KNOB	A122159	BE	1
H603 AND H604	KNOB/POLARAD PART NO. 517223	125-2-2G	BH	1
H605	KNOB/POLARAD PART NO. A707469	70-2WD-2G	BH	1
J601	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-909/U	AU	1
J602	CONNECTOR,RECEPTACLE,FEMALE,N TYPE	UG-22B/U	AU	1
J603	CONNECTOR,RECEPTACLE,FEMALE,N TYPE	UG-1095B/U	AU	1
J604	CONNECTOR,RECEPTACLE,MALE,BNC TYPE, NON-REPLACEABLE PART OF CP601			
J605 AND J606	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF CP601			
J607	CONNECTOR,RECEPTACLE, NON-REPLACEABLE PART OF XCR603			
MP601	KLYSTRON SOCKET AND COVER ASSY	A122215	BE	1
MP602	KLYSTRON SOCKET AND COVER ASSY	A122216	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
P601 THRU P603	NOT USED			
P604	CONNECTOR,PLUG,FEMALE,BNC TYPE, NON-REPLACEABLE PART OF XCR603			
P605 AND P606	CONNECTOR,PLUG,MALE,BNC TYPE	UG-88/U	AU	1
P607	CONNECTOR,PLUG,MALE,45 PINS	DPD-45-34P-1G	CF	1
RT601	THERMISTOR,725 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510511	27D1	BZ	1
RT602	THERMISTOR,760 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510512	28D1	BZ	1
RT603	THERMISTER,NON-REPLACEABLE PART OF A605			
R601 THRU R603	RESISTOR,FILM,130 OHMS,1 PCT,1/2W	RN20R1300F	AU	1
R604	RESISTOR,COMPOSITION,62 OHMS,10 PCT,1W	RC32GF620K	AU	1
R605	NOT USED			
R606	RESISTOR,COMPOSITION,820 OHMS,10 PCT,2W	RC42GF821K	AU	1
R607	SAME AS R601			
R608	RESISTOR,COMPOSITION,470 OHMS,10 PCT,1/2W	RC20GF471K	AU	1
R609	RESISTOR,VARIABLE,WW,5K,10 PCT,4W	A135841	AU	1
R610 THRU R612	NOT USED			
R613 AND R614	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W /POLARAD PART NO. 517851	RV4NAYSD253A	AU	1
R615 AND R616	RESISTOR,FILM,140K,5 PCT,13W	RD33P1403J	AU	1
R617	NOT USED			
R618 AND R619	RESISTOR,COMPOSITION,15K,10 PCT,1/2W	RC20GF153K	AU	1
R620 THRU R623	NOT USED			
R624	RESISTOR,VARIABLE,COMPOSITION,100K,10 PCT,2W /POLARAD PART NO. 517923	RV4NAYSD104A	AU	1
R625	NOT USED			
R626 AND R627	RESISTOR,COMPOSITION,75K,10 PCT,2W, USED ON SERIAL NOS. 250 THRU 323	RC42GF753K	AU	1
R626 AND R627	RESISTOR,COMPOSITION,82K,10 PCT,2W, USED ON SERIAL NOS. 324 AND UP	RC42GF823K	AU	1
R628	RESISTOR,COMPOSITION,100K,10 PCT,1/2W	RC20GF104K	AU	1
R629	RESISTOR,VARIABLE,WW,100K,1 PCT,12W, TAP A,80K,TAP B,60K,TAB C,40K,TAP D,20K /POLARAD PART NO. C17230	RVLL-3-12-S	DL	1
R630	NOT USED			

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R631	RESISTOR•VARIABLE•COMPOSITION•50K•10 PCT•2W /POLARAD PART NO• 517853	RV4NAYSD503A	AU	1
R632 THRU R644	NOT USED			
R645 AND R646	RESISTOR•COMPOSITION•10K•10 PCT•2W	RC42GF103K	AU	1
R647	RESISTOR•VARIABLE•COMPOSITION•DUAL SECT• 10K•10 PCT•2W•BOTH SECT	CK5177SL103A-103A	BE	1
R648 THRU R650	RESISTOR•COMPOSITION•470K•10 PCT•1/2W	RC20GF474K	AU	1
R651	NOT USED			
R652	RESISTOR•COMPOSITION•62K•10 PCT•1/2W	RC20GF623K	AU	1
R653 THRU R657	NOT USED			
R658	SAME AS R629			
R659	SAME AS R628			
R660	RESISTOR•FILM•MICROWAVE•50 OHMS•10 PCT•1/2W /POLARAD PART NO• A544106/ NON-REPLACEABLE PART OF W606			
R661	SAME AS R631			
R662	SAME AS R613			
R663	RESISTOR•FILM•MICROWAVE•50 OHMS•10 PCT•1/2W /POLARAD PART NO• A544106/ NON-REPLACEABLE PART OF W605			
R664 THRU R669	NOT USED			
R670	RESISTOR•COMPOSITION•1•2K•5 PCT•1W	RC32GF122J	AU	1
R671 AND R672	RESISTOR•COMPOSITION•3•3 MEGO•5 PCT•1W	RC32GF335J	AU	1
R673 AND R674	RESISTOR•COMPOSITION•4•7 MEGO•5 PCT•1W	RC32GF475J	AU	1
R675	SAME AS R631			
TB601	TERMINAL BOARD•COMPONENT ASSY	C132473	BE	1
TB602	TERMINAL BOARD•COMPONENT ASSY	C130618	BE	1
TB603	TERMINAL BOARD•COMPONENT ASSY	B132465	BE	1
TP601 THRU TP604	JACK•TEST POINT•RED/POLARAD PART NO• A514202	118930-B	BV	1
V601 AND V602	ELECTRON TUBE•KLYSTRON	5721	BH	2
W601	CABLE ASSY	B130595	BE	1
W602 AND W603	NOT USED			
W604	CABLE ASSY	A135902	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
W605	CABLE AND PROBE ASSY	B129671	BE	1
W606	CABLE AND PROBE ASSY	B135862	AU	1
XCR601 AND XCR602	NOT USED			
XCR603	HOLDER•CRYSTAL/POLARAD PART NO• A700378	1560	GL	1
XDS601 AND XDS602	LAMPHOLDER ASSY WITH BULB /POLARAD PART NO• A17508	TT-61-XP-15-87	V	1
XDS603 AND XDS604	LAMPHOLDER ASSY	A28157	BE	1
Z601	PRESELECTOR AND MIXER ASSY	C130597	BE	1
Z602	IMPEDENCE STUB ASSY	A143619	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	MODEL FIM-X2 TUNING UNIT			
A701	THERMISTER MOUNT ASSY	B127523	BE	1
A702	CABLE AND MIXER ASSY	B135905	BE	1
A703	OSCILLATOR ASSY,LESS V701	B127724	BE	1
A704	OSCILLATOR ASSY,LESS V702	B127723	BE	1
A705	THERMISTOR MOUNT ASSY	BK50091	BE	1
B701	BLOWER AND FILTER ASSY	B123060	BE	1
B701A	MOTOR,BLOWER,115VAC,50-440CPS /POLARAD PART NO. B135909/PART OF B701	CSC-K15B-1	GE	1
B701B	FILTER,AIR CONDITIONING,PART OF B701	B10517	BE	1
CP701	CONNECTOR,ADAPTER,TEE,BNC TYPE	UG-274/U	AU	1
CR701 AND CR702	SEMICONDUCTOR DEVICE,DIODE	61-1501	DQ	10
CR703	SEMICONDUCTOR DEVICE,DIODE	1N2510	CK	5
C701 AND C702	CAPACITOR,PAPER,0.47UF,10 PCT,1000WVDC	CP10A1EG474K	AU	1
C703	CAPACITOR,PAPER,1UF,10 PCT,400WVDC	CP5381EE105K	AU	1
C704	CAPACITOR,MICA,1000UUF,10 PCT,300WVDC	CB11ND102K	AU	1
DS701	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS701	328	CK	1
DS702	LAMP,INCANDESCENT,6V,MIDGET FLANGE BASE, PART OF XDS702	328	CK	1
DS703 AND DS704	LAMP,INCANDESCENT,6-8V,BAYONET BASE /POLARAD PART NO. 005237	47	CK	2
H701	KNOB/POLARAD PART NO. 507306	225-6-2G	BH	1
H702	KNOB	A122159	BE	1
H703 AND H704	KNOB/POLARAD PART NO. 517223	125-2-2G	BH	1
H705	KNOB/POLARAD PART NO. A707469	70-2WD-2G	BH	1
J701	CONNECTOR,RECEPTACLE,FEMALE,BNC TYPE	UG-909/U	AU	1
J702	CONNECTOR,RECEPTACLE,FEMALE,N TYPE	UG-22B/U	AU	1
J703	CONNECTOR,RECEPTACLE,FEMALE,N TYPE	UG-1095B/U	AU	1
J704 AND J705	CONNECTOR,RECEPTACLE,FEMALE, NON-REPLACEABLE PART OF CP701			
J706	CONNECTOR,RECEPTACLE,MALE, NON-REPLACEABLE PART OF CP701			
J707	CONNECTOR,RECEPTACLE,FEMALE, NON-REPLACEABLE PART OF A702			
MP701	KLYSTRON SOCKET AND COVER ASSY	A126218	BE	1
MP702	KLYSTRON SOCKET AND COVER ASSY	A126217	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
P701 AND P702	NOT USED			
P703	CONNECTOR,PLUG,MALE,N TYPE	UG-260/U	AU	1
P704	CONNECTOR,PLUG,MALE,BNC TYPE	UG-88/U	AU	1
P705	NOT USED			
P706	CONNECTOR,PLUG,FEMALE,BNC TYPE	UG-261A/U	AU	1
P707	CONNECTOR,PLUG,NON-REPLACEABLE PART OF W702			
P708	CONNECTOR,PLUG,MALE,45 PINS	DPD-45-34P-1G	CF	1
RT701	THERMISTOR,725 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510511	27D1	BZ	1
RT702	THERMISTOR,760 OHMS,5 PCT,150MW PER DEGREE CENTIGRADE/POLARAD PART NO. B510512	28D1	BZ	1
RT703	THERMISTOR,NON-REPLACEABLE PART OF A701			
R701 THRU R703	RESISTOR,FILM,130 OHMS,1 PCT,1/2W	RN20R1300F	AU	1
R704	RESISTOR,COMPOSITION,62 OHMS,10 PCT,1W	RC32GF620K	AU	1
R705	NOT USED			
R706	RESISTOR,COMPOSITION,820 OHMS,10 PCT,2W	RC42GF821K	AU	1
R707	SAME AS R701			
R708	RESISTOR,COMPOSITION,470 OHMS,10 PCT,1/2W	RC20GF471K	AU	1
R709	RESISTOR,VARIABLE,WW,5K,10 PCT,4W	A135841	BE	1
R710	NOT USED			
R711 AND R712	RESISTOR,COMPOSITION,33K,10 PCT,2W	RC42GF333K	AU	1
R713	RESISTOR,VARIABLE,WW,25K,10 PCT,2W	A135845	BE	1
R714	RESISTOR,VARIABLE,COMPOSITION,25K,10 PCT,2W /POLARAD PART NO. 517851	RV4NAYSD253A	AU	1
R715	NOT USED			
R716 AND R717	SAME AS R711			
R718 AND R719	RESISTOR,COMPOSITION,15K,10 PCT,1/2W	RC20GF153K	AU	1
R720 THRU R723	NOT USED			
R724	RESISTOR,COMPOSITION,39K,10 PCT,2W	RC42GF393K	AU	1
R725	NOT USED			
R726	SAME AS R724			
R727	RESISTOR,VARIABLE,COMPOSITION,50K,10 PCT,2W /POLARAD PART NO. 517853	RV4NAYSD503A	AU	1
R728	RESISTOR,COMPOSITION,100K,10 PCT,1/2W	RC20GF104K	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R729	RESISTOR•VARIABLE•WW•100K•1 PCT•12W TAP A•80K•TAP B•60K•TAP C•40K•TAP D•20K /POLARAD PART NO• C17230	RVLL-3-12-S	DL	1
R730	NOT USED			
R731	RESISTOR•VARIABLE•COMPOSITION•100K•10 PCT•2W /POLARAD PART NO• 517923	RV4NAYSD104A	AU	1
R732	NOT USED			
R733	RESISTOR•VARIABLE•COMPOSITION•100K•10 PCT•2W	A135846	BE	1
R734 THRU R742	NOT USED			
R743	RESISTOR•VARIABLE•COMPOSITION•150K•10 PCT•2W	A135847	BE	1
R744	RESISTOR•COMPOSITION•47K•10 PCT•2W	RC42GF473K	AU	1
R745	NOT USED			
R746	SAME AS R731			
R747	RESISTOR•VARIABLE•COMPOSITION•DUAL SECT• 10K•10 PCT•2W•BOTH SECT	CK5177SL103A-103A	BE	1
R748 THRU R750	RESISTOR•COMPOSITION•470K•10 PCT•1/2W	RC20GF474K	AU	1
R751	NOT USED			
R752	RESISTOR•COMPOSITION•62K•10 PCT•1/2W	RC20GF623K	AU	1
R753 THRU R756	NOT USED			
R757	RESISTOR•COMPOSITION•75K•10 PCT•2W	RC42GF753K	AU	1
R758	SAME AS R729			
R759	SAME AS R728			
R760	RESISTOR•FILM•MICROWAVE•50 OHMS•10 PCT•1/2W /POLARAD PART NO• A544104/ NON-REPLACEABLE PART OF W706			
R761	SAME AS R731			
R762	SAME AS R733			
R763	RESISTOR•FILM•50 OHMS•5 PCT•1/2W• NON-REPLACEABLE PART OF W705			
R764	RESISTOR•VARIABLE•COMPOSITION•250K•10 PCT•2W	A135848	BE	1
R765	SAME AS R731			
R766	RESISTOR•VARIABLE•COMPOSITION•150K•10 PCT•2W /POLARAD PART NO• 517924	RV4NAYSD154A		
R767	RESISTOR•FILM•110K•5 PCT•4W	RD70P1103J	AU	1
R768 THRU R770	NOT USED			
R771	SAME AS R767			
R772	RESISTOR•FILM•140K•5 PCT•13W	RD33P1403J	AU	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
R773 AND R774	NOT USED			
R775	SAME AS R744			
R776	NOT USED			
R777 THRU R779	SAME AS R711			
R780	NOT USED			
R781	SAME AS R711			
R782	SAME AS R772			
R783 THRU R789	NOT USED			
R790	RESISTOR•COMPOSITION•820 OHMS•5 PCT•1W	RC32GF821J	AU	1
R791	RESISTOR•COMPOSITION•3.9 MEGO•5 PCT•1W	RC32GF395J	AU	1
R792	RESISTOR•COMPOSITION•4.3 MEGO•5 PCT•1W	RC32GF435J	AU	1
R793	RESISTOR•COMPOSITION•4.7 MEGO•5 PCT•1W	RC32GF475J	AU	1
R794	RESISTOR•COMPOSITION•5.6 MEGO•5 PCT•1W	RC32GF565J	AU	1
S701 THRU S708	NOT USED			
S709	SWITCH•SENSITIVE•DPDT /POLARAD PART NO• B702610	DT-2RV212-A7	AX	1
S710	SWITCH•SENSITIVE•SPDT/POLARAD PART NO• A20438	V3-13	AX	1
TB701	TERMINAL BOARD•COMPONENT ASSY	C132474	BE	1
TB702	TERMINAL BOARD•COMPONENT ASSY	C130619	BE	1
TB703	TERMINAL BOARD•COMPONENT ASSY	B132466	BE	1
TP701 THRU TP704	JACK•TEST POINT•RED/POLARAD PART NO• A514202	118930-B	BV	1
V701 AND V702	ELECTRON TUBE•KLYSTRON	5721	BH	2
W701	CABLE ASSY	B135885	BE	1
W702	CABLE ASSY	B135903	BE	1
W703	NOT USED			
W704	CABLE ASSY	A135902	BE	1
W705	CABLE AND PROBE ASSY	B140567	BE	1
W706	CABLE AND PROBE ASSY	B135839	BE	1
XCR701 AND XCR702	NOT USED			
XCR703	HOLDER•CRYSTAL•NON-REPLACEABLE PART OF W702			
XDS701 AND XDS702	LAMPHOLDER ASSY•WITH BULB /POLARAD PART NO• A17508	TT-61-XP-15-87	V	1
XDS703 AND XDS704	LAMPHOLDER ASSY	A28157	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
Z701	PRESELECTOR ASSY	B135912	BE	1
Z702	IMPEDENCE STUB ASSY	A135904	BE	1

TABLE 2. PARTS LIST (CONT'D)

REF SYMBOL	DESCRIPTION	MANUFACTURER'S PART NUMBER	MFR'S CODE	MAINT QTY
	OPTIONAL ACCESSORIES			
A1301	TRIPOD/POLARAD MODEL NO. CA-T	A117208	BE	1
A1302	CALIBRATED M-BAND ANTENNA,4190-7740MC /POLARAD MODEL NO. CA-M	A132539	BE	1
A1303	CALIBRATED X-BAND ANTENNA,7360-10000MC /POLARAD MODEL NO. CA-X	A132549	BE	1
A1304	CALIBRATED S-BAND ANTENNA,2140-4340MC /POLARAD MODEL NO. CA-S	C103843	BE	1
A1305	CALIBRATED L-BAND ANTENNA,1000-2340MC /POLARAD MODEL NO. CA-L	C103905	BE	1
A1306	ANTENNA REFLECTOR/POLARAD MODEL NO. CA-R	D103185	BE	1
A1307	CALIBRATED BROADBAND ANTENNA,1000-10000MC /POLARAD MODEL NO. CA-B	D103191	BE	1
MP1301	WRENCH,ALLEN	515305	BE	1
MP1302	FEEDHORN BOLT	A100885	BE	1

POLARAD ELECTRONICS CORP.

CONSULTANTS — DESIGNERS — MANUFACTURERS
43-20 34th Street Long Island City 1, N. Y.
EXeter 2-4500

REQUEST FOR MAINTENANCE

FROM:

COMPANY NAME _____ DATE: _____

ADDRESS: _____ INDIVIDUAL _____

_____ POSITION _____

SECTION OR DIVISION _____ PHONE NO. _____ EXT. _____

EQUIPMENT _____ DATE OF PURCHASE _____

MODEL _____ SERIAL NO. _____ ORDER NO. _____

TROUBLE REPORT:

A. Description of trouble _____

B. Has trouble been localized? _____ If so, how and where: _____

C. Instruments used and measurements taken, if any: _____

_____

_____

_____

D. Is trouble intermittent? _____

E. Hours of operation prior to this trouble _____

F. Date trouble occurred _____

G. Was factory consulted by telephone or letter prior to this request? _____

If so, give date and person to whom directed: _____

_____

H. Additional Comments: _____

_____

_____

_____

_____

_____

_____

When trouble develops requiring factory assistance, complete this form and send to:

Polarad Electronics Corporation
43-20 34th Street
Long Island City 1, New York
ATTENTION: Service Department

After this report has been analyzed by the Service Department, you will be notified when a field service engineer will call on you to make the necessary repairs. If your trouble can best be corrected at the factory, we will so notify you with instructions and authorization for returning the equipment.

NO EQUIPMENT MAY BE RETURNED TO THE FACTORY WITHOUT WRITTEN AUTHORIZATION

POLARAD
PROVEN RELIABILITY

POLARAD

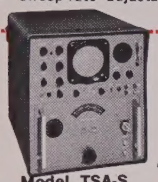
ELECTRONICS CORPORATION
43-20 34th Street
Long Island City 1, New York

World Leader in Microwave Instrumentation

SPECTRUM ANALYZERS—10-100,000 MC

Undisputed leader in the field of microwave spectrum analysis, Polarad offers the widest, most diversified line of equipments for precise and meaningful quantitative and qualitative evaluation of any signal, regardless of complexity or frequency content. The features listed below are generally common to all Polarad Spectrum Analyzers:

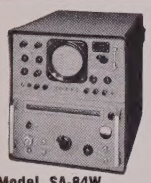
- Direct-reading UNIDIAL® tuning —no klystron mode-setting!
- Frequency Dial Accuracy, ±1%
- Sweep-rate adjustable, 1-30 cps
- Non-contacting klystron-cavity chokes for noiseless tuning, optimum stability
- Five-inch flat-face CRT display
- Compatible with Multi-pulse Spectrum Selector SD-1



Model TSA-S
Dual-Purpose Spectrum Analyzer/ Synchroscope

TSA SERIES. 10-44,000 MC in 5 plug-in tuning units. Model TSA provides power vs. freq. display (A), below. Model TSA-S provides both (A) and synchroscope display (B). Wide-dispersion Model TSA-W provides (A) display, up to 80 MC (full screen), down to 60 KC for wide pulse analysis, as in (C).

MODEL	DISPERSION	RESOLUTION	MARKER	NOTES
TSA	25 KC-25 MC	1-80 KC	±14 MC	Sensitivity —50 to —100 dbm
TSA-S	400 KC-25 MC	5/50/500 KC and 5 MC	±14 MC	Sensitivity —50 to —100 dbm. Synch. Sweep Rates: 2 μsec to 0.1 sec/cm
TSA-W	25 KC-80 MC	1-80 KC	±40 MC	Sensitivity —50 to —100 dbm Displays spectra of 0.1 μsec pulses

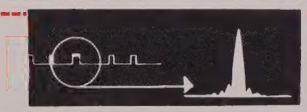


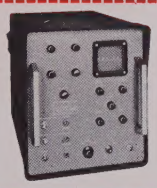
Model SA-84W
Wide-Band Spectrum Analyzer

SA SERIES Universal Spectrum Analyzers provide complete coverage from 10-40,880 MC in compact, self-contained form. The new lightweight transistorized unit Model SA-84T is truly portable, and will operate from either the AC line or 12 V DC. The SA-84W wide-band design features exceptionally broad frequency coverage and very wide dispersion in a single-unit package.

Model SA-84T
Transistorized Portable

MODEL	DESCRIPTION	DISPERSION	RESOLUTION	NOTES
SA-84T	Transistorized Universal	400 KC-25 MC adjustable	20 KC	Internal Marker, ±13 MC Sensitivity, —50 to —105 dbm.
SA-84	Standard Universal	500 KC- 5 MC (up to 55 MC) 500 KC-25 MC (above 55 MC) adj.	20 KC	Variable Internal Marker comparable sensitivity to SA-84T
SA-84W	Wide-Dispersion Universal	25 KC-10 MC 25 KC-80 MC 240 to 40,880 MC	1-80 KC variable	Crystal-controlled markers over entire freq. range. Log-linear display. Accurate IF attenuator. Comparable sensitivity to SA-84T





MULTI-PULSE SPECTRUM SELECTOR: When used with any Polarad Spectrum Analyzer, this instrument permits isolation and spectrum analysis of any individual pulse in a complex coded signal.

Model SD-1

MODEL DA-70, 50-100 KMC Spectrum Analyzer. Dispersion adj. 50-1000 MC. Resolution 1 MC. High IF assures image rejection, prevents video detection. Sensitivity, —50 dbm, nom. Frequency marker for △F measurements.

MODEL WSA Wide-Band Spectrum Analyzer. 10-40,000 MC in 20 push-button-selected bands. Narrow mode: 1-25 MC dispersion, 20 KC resolution. Wide mode: 50-4,000 MC dispersion, 1.5 MC resolution. Freq. marker to 4 KMC. End-markers indicate band limits. Center-marker for wide-to-narrow switching without signal loss.

Model WSA

USE THIS CARD for complete specifications or call your local Polarad representative (see the Yellow Pages).

SIGNAL GENERATORS—0.5-50 KMC

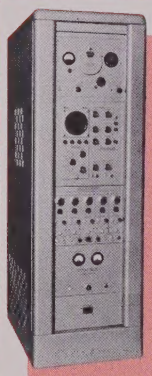
Model PMR
UHF Signal Generator

MSG-2R
Signal Generator

Model MSG-34
Ultra-Broadband Signal Generator

500-11,000 MC SERIES. These superb instruments incorporate every important mechanical and electronic advancement known to the art, including several Polarad exclusives, such as UNIDIAL® tuning. Direct-reading frequency dials, accurate to ±1%. High-stability non-contacting klystron-cavity shorts for noiseless tuning, permanent accuracy. Continuously-variable, directly-calibrated attenuators. Modulation: internal pulse, FM, sq-wave; external pulse and multi-pulse. Delayed and undelayed sync. outputs. The Model PMR provides exceptional FM capability through the use of a special plug-in modulator (supplied).

MODEL	FREQUENCY-KMC	CALIBRATED POWER OUTPUT	INTERNAL MODULATION
PMR	0.5 - 1.0	0.5 MW (—3 dbm) to —127 dbm	sq-wave, 40-4,000 pps } FM with plug-in Pulse, 10-10,000 pps } modulator
KSS (Signal Source)	1.05-11.0 (4 plug-ins)	Uncalibrated. Power Output: 14-400 MW, depending on freq.	sq-wave, 10-10,000 pps (external pulse, sq-wave, FM)
PMX	4.45-11.0 (2 plug-ins)	1 MW (0 dbm) to —127 dbm	All instruments in this group: pulse modulation: 10-10,000 pps. *pulse width: 0.2-10 μsec. pulse delay: 2-2,000 μsec. square-wave modulation: 10-10,000 pps. FM deviation: ±2.5 MC min. *0.3-10 μsec. in MSG-1R and 2R.
MSG-34 (Ultra Broadband)	4.2 -11.0 digital freq. indicator	1 MW (0 dbm) to —127 dbm	
MSG-1R	0.95- 2.40	1 MW (0 dbm) to —127 dbm	
MSG-2R	2.0 - 4.60	1 MW (0 dbm) to —127 dbm	



MULTI-PULSE CODE-MODULATED MICROWAVE SIGNAL GENERATOR

Model B — 0.95 to 10.75 KMC 4 plug-in tuning units. 5 independent adjustable channels, each with variable pulse width and delay. Built-in precision scope.

EHF SERIES Signal Generators (frequency and power calibrated) and Signal Sources (frequency calibrated) operate CW, with 1 KC int. modulation, or ext. mod'n. See chart for tuning unit ranges and designations. Also available: SG-1218 Generator or SS-1218 Source, 12.4-17.5 KMC.

EHF Series
Signal Generators

EHF SIGNAL GENERATOR Tuning Unit	Frequency Range	EHF SIGNAL SOURCE Tuning Unit
G1822-1	18,000 to 22,000 mc	S1822-1
G2225-1	22,000 to 25,000 mc	S2225-1
G2427-1	24,700 to 27,500 mc	S2427-1
G2730-1	27,270 to 30,000 mc	S2730-1
G3033-1	29,700 to 33,520 mc	S2933-1
G3336-1	33,520 to 36,250 mc	S3336-1
G3540-1	35,100 to 39,700 mc	S3540-1
	39,600 to 46,000 mc	S4046-1
	45,900 to 50,000 mc	S4650-1

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LONG ISLAND CITY 1, N. Y.

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